

This is a repository copy of Using the Human Factors Framework to understand the origins of medication safety problems in community pharmacy: A qualitative study.

White Rose Research Online URL for this paper: https://eprints.whiterose.ac.uk/id/eprint/185971/

Version: Accepted Version

Article:

Al Juffali, Lobna, Al-Aqeel, Sinaa, Knapp, Peter orcid.org/0000-0001-5904-8699 et al. (3 more authors) (2019) Using the Human Factors Framework to understand the origins of medication safety problems in community pharmacy: A qualitative study. Research in social & administrative pharmacy: RSAP. pp. 558-567. ISSN: 1934-8150

https://doi.org/10.1016/j.sapharm.2018.07.010

Reuse

This article is distributed under the terms of the Creative Commons Attribution-NonCommercial-NoDerivs (CC BY-NC-ND) licence. This licence only allows you to download this work and share it with others as long as you credit the authors, but you can't change the article in any way or use it commercially. More information and the full terms of the licence here: https://creativecommons.org/licenses/

Takedowr

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.



Manuscript Details

Manuscript number RSAP_2018_90

Title Using the Human Factors Framework to understand the origins of medication

safety problems in community pharmacy in Saudi Arabia: A qualitative study

Article type Research Paper

Abstract

ABSTRACT Background: Community pharmacy practice in the Kingdom of Saudi Arabia (KSA) faces many challenges. In KSA, there is a lack of empirical research about medication safety in this setting. Objective: To explore the safety problems associated with medication supply from community pharmacies in KSA and compare different stakeholder perspectives. Methods: Four focus groups and individual interviews were conducted in Riyadh, KSA, in February-May 2013. All group discussions were recorded, transcribed and translated from Arabic into English, except the professional group, which was conducted in English. Thematic analysis was performed using the Human Factors Framework (HFF). Results: The groups comprised "professionals" (n=8; one female), community pharmacists (n=4; all male) and two pharmacy user groups (females, n=11 and males, n=8). Medication safety problems identified were categorised into nine categories representing the HFF. Seven main themes were identified from these categories: commercial pressure on community pharmacy; illegal supply of prescription medication; lack of enforcement of regulations; the healthcare system; self-medication; patient trust in pharmacists; and communication failure. Themes that emerged only from the "professionals" and community pharmacists were the different role of the regulatory organisations and the reasons behind lack of enforcement, while the community pharmacist group focused on the relationship between owners and managers. Pharmacy users expressed a need for information about medication and that the primary role of the pharmacist should be as an information provider. Furthermore, they perceived pharmacists to be vendors rather than healthcare professionals. Conclusion: Many medication safety problems were identified, attributable to individuals (patient, pharmacist), pharmacy and organisational factors. These results will be used to develop interventions to improve medication safety.

Keywords Patient safety; Community pharmacy; Human factors; Medication errors; Drug

related side effects ;adverse reactions.

Manuscript category Research Paper

Corresponding Author Lobna Al Juffali

Corresponding Author's

Institution

king saud university

Order of Authors Lobna Al Juffali, SA Al-Aqeel, Peter Knapp, Kathryn Mearns, Hannah Family,

Margaret (Mags) Watson

Suggested reviewers Darren Ashcroft

Submission Files Included in this PDF

File Name [File Type]

Cover letter RSAP.doc [Cover Letter]

Tilte page.docx [Title Page (with Author Details)]

ANON, manuscript 2822018.docx [Manuscript (without Author Details)]

To view all the submission files, including those not included in the PDF, click on the manuscript title on your EVISE Homepage, then click 'Download zip file'.

To, The Editors,

Research in Social and Administrative Pharmacy

Subject: Submission of an Original Article, "Using the Human Factors Framework to understand the origins of medication safety problems in community pharmacy in Saudi Arabia: A qualitative study"

Dear Sir/Ma'am

We are submitting an Original Article, "Using the Human Factors Framework to understand the origins of medication safety problems in community pharmacy in Saudi Arabia: A qualitative study" for consideration for publication in Research in Social and Administrative Pharmacy.

.

Most medication safety studies are undertaken in secondary care, but the main burden of care is in primary care. However, less is known about medication safety outside hospital environments. Research undertaken in community pharmacy settings has mostly focused on detecting and measuring rated of medication errors and near misses. Community pharmacy in Saudi Arabia faces many challenges. There is a lack of empirical research about medication safety in this setting in Saudi Arabia and research is needed. Qualitative studies are limited in this setting in Saudi Arabia. This study aimed to identify and explore the main safety problems associated with medication supply from community pharmacies in Saudi Arabia.

This article provided insights about the medication safety problems that occur to patients using medication from the community pharmacy from different perspectives Policy makers, pharmacy owners, community pharmacist and pharmacy users. Human factors framework allowed a system approach in analysing the problems and safety in community pharmacy. Highlighting these problems provides evidence to policy makers, healthcare providers about the potential harm to patients and allow future interventions and research to focus on the quality and safety of community pharmacy and primary care generally.

I, Lobna Al Juffali (Corresponding author) certify that the manuscript is being submitted by me (Corresponding author) on behalf of all the authors.

This research has been reviewed and approved by the College Ethics Review Board, University of Aberdeen, UK.

Thank you

Sincerely,

Lobna Al Juffali

Author Details:

Lobna Al Juffali, Clinical Pharmacy Department, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia

Sinaa Al-aqeel , Clinical Pharmacy Department, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia

Peter Knapp, Department of Health Sciences and the Hull York Medical School, University of York, UK

Kathryn Mearns, Principal Human Factors Consultant, Wood Group, Aberdeen, UK.

Hannah Family, Department of Pharmacy and Pharmacology, University of Bath, Bath, UK

Margaret Watson, Department of Pharmacy and Pharmacology, University of Bath, Bath, UK

Corresponding author Lobna Al Juffali

Email: laljaffali@ksu.edu.sa

Address: King Saud University P O Box 22452, Riyadh, Kingdom of Saudi Arabia 11496

Telephone number: +966505172290

Using the Human Factors Framework to understand the origins of medication safety problems in community pharmacy in Saudi Arabia: A qualitative study

Lobna Al Juffali ^a, Sinaa Al-aqeel ^a, Peter Knapp ^b, Kathryn Mearns ^c, Hannah Family ^d, Margaret Watson ^d

- ^a Clinical Pharmacy Department, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia
- ^b Department of Health Sciences and the Hull York Medical School, University of York, UK
- ^c Principal Human Factors Consultant, Wood Group, Aberdeen, UK
- ^d Department of Pharmacy and Pharmacology, University of Bath, Bath, UK

Corresponding author Lobna Al Juffali

Email: laljaffali@ksu.edu.sa

Address: King Saud University P O Box 22452, Riyadh, Kingdom of Saudi Arabia 11496

<u>Telephone number: +966505172290</u>

ABSTRACT

- 2 Background: Community pharmacy practice in the Kingdom of Saudi Arabia (KSA) faces many
- 3 challenges. In KSA, there is a lack of empirical research about medication safety in this setting.
- **Objective:** To explore the safety problems associated with medication supply from community
- 5 pharmacies in KSA and compare different stakeholder perspectives.
- 6 Methods: Four focus groups and individual interviews were conducted in Riyadh, KSA, in
- 7 February-May 2013. All group discussions were recorded, transcribed and translated from
- 8 Arabic into English, except the professional group, which was conducted in English. Thematic
- 9 analysis was performed using the Human Factors Framework (HFF).
- Results: The groups comprised "professionals" (n=8; one female), community pharmacists (n=4;
- all male) and two pharmacy user groups (females, n=11 and males, n=8). Medication safety
- 12 problems identified were categorised into nine categories representing the HFF. Seven main
- themes were identified from these categories: commercial pressure on community pharmacy;
- 14 illegal supply of prescription medication; lack of enforcement of regulations; the healthcare
- system; self-medication; patient trust in pharmacists: and communication failure. Themes that
- emerged only from the "professionals" and community pharmacists were the different role of
- 17 the regulatory organisations and the reasons behind lack of enforcement, while the community
- pharmacist group focused on the relationship between owners and managers. Pharmacy users
- 19 expressed a need for information about medication and that the primary role of the pharmacist
- should be as an information provider. Furthermore, they perceived pharmacists to be vendors
- 21 rather than healthcare professionals.
- **Conclusion:** Many medication safety problems were identified, attributable to individuals
- 23 (patient, pharmacist), pharmacy and organisational factors. These results will be used to
- 24 develop interventions to improve medication safety.

BACKGROUND

- The World Health Organisation has highlighted safety in primary care as an international challenge.[1] In primary healthcare, adverse drug events (ADEs) are reported to occur in 25% of outpatients, almost half of which (11%) are preventable.[2] Research undertaken in the community pharmacy setting has mostly focused on detecting and measuring medication errors and near misses.[3]
 - Studies in the Kingdom of Saudi Arabia (KSA) have shown high levels of hospital admissions associated with drug-related problems (DRPs), of which the most common causes were ADEs, a failure to receive medication and medication non-compliance.[4,5] A range of challenges to medication safety in KSA were identified: limited use of technology; illegal supply of prescription only medication (POM); communication gaps between healthcare institutions: under-reporting of ADEs and communication barriers.[6] Studies in KSA have mainly investigated the problems either from a pharmacist or a pharmacy user perspective using mostly surveys.[7-11] No qualitative studies have been conducted with pharmacy users or other stakeholders, such as policy makers and pharmacy owners.
 - The application of theory may help to understand patient safety problems and a number of relevant frameworks exist. [12-17] The Human Factors Framework (HFF) has potential to enhance clinical performance by understanding the effects of factors such as teamwork, tasks, equipment, workspace, culture and organisation on human behaviour and abilities, and applying insights to clinical settings. [14-18] The HFF aids understanding of people's capabilities and limitations, allowing design of better systems. It is a recognised tool to reduce medication error rates or mitigate adverse medication effects. [12]
 - The purpose of our study was to explore and compare different stakeholder perspectives regarding the safety problems associated with medication supply from community pharmacies in KSA using the HFF. The stakeholders for whom medication safety is important include service users, community pharmacists, pharmacy owners, as well as representatives from legal and regulatory authorities.

METHODS

This qualitative study comprised a series of focus groups and interviews. Focus groups were conducted with different stakeholders: healthcare professionals; community pharmacists; and pharmacy users. Individual interviews were conducted with community pharmacists only.

Sampling and recruitment

The study was conducted in Riyadh, the capital of KSA. The healthcare professional group (PG) was recruited purposively, identified through professional and personal networks.

126 60

The community pharmacist group (CPG) was recruited using purposive, convenience and snowballing methods. Personal visits to pharmacies and telephone calls were made to invite participants. Telephone interviews were offered only to community pharmacists who could not attend the focus group due to job commitments.

Pharmacy users aged 18 and older were eligible to participate. Different recruitment strategies were adopted to reflect the cultural constraints in Saudi society. For the female pharmacy user group (FPG), community centres and sites for social activities were sought in Riyadh. A non-profit childcare association providing free weekly parenting courses in community centres was identified, to recruit female attendees who were of various ages and educational backgrounds. For the male pharmacy user group (MPG), an announcement about a support group for caregivers of Alzheimer patients was sent via Twitter from the Alzheimer Society account. This support group is held once a month in a private training centre. The researcher (LJ) visited one of these support group meetings for recruitment purposes.

147 74 148 75

All potential participants, irrespective of group, received an invitation letter and study information sheet. A consent form was provided by e-mail or personally, one week prior to the focus group. Each participant signed an individual informed consent statement prior to the commencement of the focus groups.

Data collection

82 (or 83 the 84 pra 85 mo

The focus groups were conducted using semi-structured topic guides (Supplementary Material) (one for FPG and MPG and one for the PG and CPG), which were informed by the literature and the HFF. Data were collected on participants' age, gender, and education background and practice experience. The PG was moderated by MW. The remaining focus groups were moderated by LJ, with SA in attendance. Before undertaking the group discussions, a pilot focus group was conducted with first year undergraduate pharmacy students to test questions and data collection methods.

Research ethics

This study was completed as part of the first author's PhD thesis who undertook specific training regarding conducting and analysing qualitative research. Approval for this study was received from The College Ethics Review Board, University of Aberdeen, UK.

Data management and analysis

Each focus group was audio-recorded and transcribed verbatim by LJ. The groups were undertaken in Arabic and the transcripts were then translated from Arabic into English, except for the PG group, which was conducted in English. A member of the research team (LJ) undertook the translation; a professional translator checked the accuracy of the translation. The analysis used a priori and emergent codes; codes were identified independently from the data by two researchers (LJ, MW). [19] The codes were then categorised using the HFF. Two coding (Supplementary Material) indices were generated based on commonality of codes: one was used to code the transcripts of the PG and CPG, while the other was for the pharmacy user groups. The coding for each focus group was checked for accuracy by a second researcher (MW, SA, or PK). A comparative analysis was then conducted to identify commonality, differences and relationships through the themes categorised in the HFF to identify mega themes. [19] This study was conducted and reported in accordance with COnsolidated Criteria for Reporting Qualitative Studies (COREQ). [20]

RESULTS

In total, 35 individuals participated across four focus groups and four interviews (Table 1). All data collection was undertaken between February and May, 2013. The PG (n=8) comprised representatives from several organisations responsible for regulating pharmacists and pharmacy practice, as well as pharmacy academics and pharmacy owners. All participants in the PG were Saud nationals. The CPG participants were Egyptian (n=3) and Yemeni (n=1).

Table 1 Characteristics of participants

	Professionals		nunity nacists	Pharma	cy users
Focus Groups	Focus group	Focus	Individual Interviews	Female focus group	Male focus
Total Individuals invited	15	group 75	5	15	group 9
	13	7.5	J	13	,
Number of participants (male)	8 (7)	4 (4*)	4 (4*)	11 (0)	8 (8)
Age years (SD)	40.6 (7.1)	34.7 (10.6)	37.7 (13.8)	33.5 (5.8)	34 (5.9)
Duration of interaction (minutes)	104	86	19.2 (3) Mean (SD)	62	89

Only males are permitted to work in the community pharmacy setting in KSA.

SD Standard deviation

The data were categorised into nine categories representing the HFF (Table 2). From these categories, seven main themes were identified (Table 3). Example of similarities and differences of themes across all groups are presented in (Table 4). The themes are described in the text

supported by anonymised, verbatim quotes from participants' narratives (which are written in italics and quotation marks). To illustrate which focus group generated the identified themes, results are referred to below by the following letters: professionals (PG); community pharmacist (CPG); female pharmacy users groups (FPG) and male pharmacy users groups (MPG), followed by a hyphen and the number of the participant, e.g. PG-1 is participant 1 in the PG, etc. For further quotes in the Supplementary Material.

Table 2 Human Factors and sub-themes identified in the Focus groups

Human factors category	Sub-themes
External factors	Commercial pressure and commercialism
	Regulations and regulators
	The healthcare system in Kingdom of Saudi Arabia
Organisational and	Pharmacy owners' and managers' roles
management factors	Lack of patient database in community pharmacies
Work environment	Pharmacist working hours
	Type of pharmacy and its effect on medication safety
Team factors	Physician prescribing behaviour
	Communication between pharmacists and physicians
Individual factors:	Pharmacist competence and clinical skills
Pharmacists	Pharmacist adherence to law and regulations
	Pharmacist role as perceived by participants
Task factors	Illegal Supply of prescription-only medication to patients.
	Medication storage and transportation in community pharmacies
	Generic substitution
Communication and	Patient-pharmacist communication
information exchange	Factors affecting communication exchange
	Type of information requested by patients from pharmacists
	Patient medication information source
	Pharmacist versus physician information
Patient	Patient characteristics: risk factors for medication safety problems
	Patient trust in pharmacists
	Patient trust in physicians
	Patient beliefs and perceptions
	Patients' behaviour
	Patient role and responsibility towards medication safety
Medication	Medicines associated with the risk
	Medication availability and shortage
	Counterfeit medication
Others	Patient experiences with drug-drug interaction and adverse drug events
	Comparison with other countries regarding practice and quality of
	medication.

Table 3 Emergent themes identified

Emergent themes	Sub-themes
Commercialism and commercial pressure on community pharmacies in kingdom of Saudi Arabia	External factors Commercial pressure and commercialism Healthcare system role in commercialism Organisational and management factors The role of pharmacy owners and managers Work environment Type of pharmacy and its effect on medication safety Pharmacist working hours Low salaries Team factors Physician prescribing behaviour Task factors Patient counselling Generic substitution Medication storage and transportation Patient factors Patient belief and perception about the business oriented practice Patient behaviour
Illegal supply of prescription medication by pharmacist	External factors Individual factors: pharmacist Patient factors
Lack of enforcement of regulations	 External factors Regulations and regulators Individual factors: pharmacist Pharmacist adherence to law and regulations Patient factors Patient pressure on pharmacists to commit a misconduct Medication Counterfeit medication as consequence
Healthcare system in kingdom of Saudi Arabia	External factors • The fragmented healthcare system • Lack of patient database in community pharmacies Organisational and management factors • Implementation of technology in community pharmacy
Patient medication-taking behaviour	 Self-medication Sharing medication Adherence to medication
Patient trust in pharmacists	No subthemes identified
Communication and information exchange	 Patient-pharmacist communication Patient medication information source Factors affecting communication exchange Type of information requested by patients from pharmacists Information received from pharmacist information compared to information received from physician Team factors Communication between pharmacists and physicians

Table 4 Example of similarities and differences of themes across all groups

			Pharma	acy users
Theme	Professionals	Pharmacists	Male	Female
Commercialism and commercial pressure on pharmacists.	•	✓	1	•
Self-diagnosing and self-medication.	/	✓	•	1
Lack of enforcement of regulations.	1	✓	•	1
Illegal supply of prescription medication.	/	✓	1	•
Fragmented healthcare system.	/	✓	1	
Patient trust in pharmacist.		✓	1	1
The primary role of the pharmacist should be as an information provider.		✓	1	/
Communication failure between pharmacists and patients.	•	✓		
The need for information			1	1
Perception of pharmacists as salesmen rather than healthcare professionals.			1	1
Pharmacy design and its effect on counselling.			1	1

Commercialism and commercial pressure

Commercialism in community pharmacy practice in KSA emerged as a theme in all groups. Participants identified factors and consequences of commercialism on patient safety. These factors are presented here according to the HFF: external; organisational; work environment; team; task; and patient factors.

External factors

Participants across all groups except the FPG discussed the role of pharmaceutical companies in creating commercial pressure by paying bonuses to physicians and community pharmacists to prescribe and dispense certain medications, which may not be needed.

"In our country, the pharmacist gives you the medication that is suitable to him or the medication for which he receives a commission, you go to the pharmacist you say you have a headache he gives you Fevadol instead of Panadol [generic substitute] for example he gives you the medication that suits you, who he is an agent for it or gives him a commission for. Even in clinics, the representative of the company comes to the physician and gives him the new medications with tickets and gifts and the physician prescribes the medications." (MPG-5)

The PG participants suggested that recent rapid increases in the number of pharmacies, combined with their proximity to each other, contributed to increased competition between

them. This pressured pharmacists to illegally supply POM to to maintain their business and retain consumers/patients. "It is not logical that I will not sell the medication without [prescription], while my *neighbour is selling it without* [prescription]. *I would go broke."* (PG-2) The PG participants also suggested that the pharmaceutical industry restricted certain generic medicines to increase sales of newer, more expensive brands, contributing to medication shortages. "I comment on availability issues. Some of it [is] truly shortages, and some of it is [not]. *Unfortunately, this is a commercial business. I know some pharmacies will* not introduce a product without getting fees or getting huge bonuses from the company. The company will not be able to sell it that is again with the law how far you can enforce the law on community pharmacy?" (PG-4) Organisational and managerial factors Participants in the CPG believed that pressure from owners and managers of community pharmacies contributed to creating a profit-oriented rather than patient-oriented pharmacy practice. "Maybe he is being pushed by his managers to be money making..." (MPG-3) Work environment The CPG, FPG and MPG perceived community pharmacies owned by commercial companies (also known as chain pharmacies) to be safer than independent pharmacies. They explained that chain pharmacies have more rigorous internal regulatory systems, offer training programmes for the pharmacists and have lower individual workload owing to investment in technology. Interestingly, the public group believed that independent pharmacies are less affected than chain pharmacies by commercial pressures. "[Chain pharmacies] have a policy that we will not violate the law and the patient will find what he wants; this is the mistake of the patient' (CPG-1) The CPG and MPG participants discussed long working hours and their effect on practice. They believed that the long working hours were related to the owner's interest in maintaining their profit. "He has long working hours and that leads many pharmacists to not refresh their information, ...there is no role for the Ministry to update your

information. For example, the pharmacist (CPG-4) graduated in 1986 and necessarily many improvements have taken place since that time."(CPG-2) Team factors The PG also acknowledged that pharmaceutical companies influence the prescribing behaviour of physicians through advertising and financial incentives, which tends to result in overprescribing. "The quality of the physician usually they come with very low salaries but depending on the commissioning they get from the companies and still they have the commission we see the kind of prescription which is very weak even our pharmacists discover these mistakes it happens with me a lot so due to this kind of this low educated physicians." (PG-2) Task factors Participants in the pharmacy user groups felt that commercial pressure on pharmacists affected the advice and information provided. They suggested that advice given by the community pharmacists was for marketing purposes and not tailored to patients' actual needs. "My problem is always that when I go, they give me the best and the latest on the market, that is to say, they do not give me the one appropriate for me. The problem is that they do not try to learn whether it is appropriate or not." (FPG-1) Pharmacists substituting a prescribed branded medication with a different form of the same active substance (generic substitution) was an emerging theme across all groups. The PG stated that the problem is that community pharmacists provide medication alternatives to patients based on financial incentives and commission rather than patient benefit. "If you go to a pharmacist and you say you have a mild or minor ailment and ask for a prescription, you have two products [options] one product will fit you, but that does not have a bonus, the other product has a bonus." (PG-4) Participants discussed the problem of inappropriate storage conditions for medicines in community pharmacies and warehouses, attributed by some participants in the PG and pharmacy users' groups to a desire to cut costs. "It is a matter of saving electricity just like groceries. At night, they disconnect the refrigerator containing milk to save electricity, and when they come back in the morning, they turn on the electricity." (MPG-4)

Patient factors On a number of occasions, participants in the PG as well as the pharmacy user groups referred to the way that patients perceive the community pharmacy as a grocery shop. "We look in KSA at a pharmacy as a store ... It should be a service, not a store."(PG -3) However, perceptions of pharmacists were highly varied amongst participants in the pharmacy user groups. Some considered pharmacists to be salesmen, while others perceived them as healthcare professionals. "He is interested mainly in collecting money." (FPG-3) "People think that he is a seller, but he is well qualified in term of education." He spent a long time studying and understands drug composition maybe more than the physicians." (FPG -2) Participants in the pharmacy user groups acknowledged that they buy whatever they want from the pharmacy acting as a "consumer." "As a consumer, I go to the pharmacy and take the antibiotic I want, I can take whatever medication I want without prescription." (MPG-5) Illegal supply of prescription medication by pharmacists External factors The PG suggested many reasons to explain the illegal supply of POM which they described as a violation of regulations, including patients perceiving medication as a commodity and patients who are stable on medication visiting the community pharmacy to refill their POM without a prescription. In addition, they suggested other "external factors" that were highlighted previously, such as the limited capacity of the healthcare system, the lack of regulation enforcement and commercial pressures. "...So now you have lack of enforcement of the law, huge pharmacies, huge number of non-Saudi pharmacists and you can say there is nobody in charge that lead to where people are treating medications as a commodity rather than special products that need attention..." (PG-4) However, such practices were identified as a cause of hospital admission by the PG. Antibiotics were given as an example of medication supplied illegally in all groups, and participants in the CPG provided other examples, such as hypnotics and antidepressants.

Individual factors: pharmacists Participants in the CPG acknowledged that they sometimes illegally supply POM and provided justifications for their actions. "I dispense everything; I am a pharmacist regardless of the laws, when you have a patient in front of you needing to be treated it would be difficult especially if the patient is poor and needs assistance you do not help him; for humanity" (CPG-4) Lack of enforcement of regulations Lack of enforcement of regulations emerged as a theme in all groups. Factors and consequences of lack of enforcement of regulations identified in this study are presented in this section according to the HFF: external; pharmacist and patient. External factors Across all groups, participants agreed that the Saudi government issued regulations to uphold the quality of community pharmacy practice. Participants also identified the roles played by different regulatory bodies in inspecting and controlling medication supply. However, they all agreed that governmental regulations are not enforced effectively. "... There is a complete difference between the law and the reality." (CPG-2) The PG suggested that there were too few governmental inspectors in relation to the large number of community pharmacies. Furthermore, the community pharmacists perceived inspectors to be inadequately trained. "...The number of inspectors who are supposed to enforce the law have almost declined you don't have the same growth in the number of inspectors as you have in the number of the pharmacies...so that automatically leads to the lack of enforcement of the law so now you have lack of enforcement of the law, huge pharmacies, huge number of expatriates pharmacists and you can say there is nobody in charge." (PG-4) Individual factors: pharmacists Pharmacists' adherence to regulations emerged during the discussion. One participant in the PG group believed that all pharmacists would like to adhere to the law. "No professional pharmacist will like to break the law..." (PG-4) \boxtimes Conversely, the CPG admitted violating certain pharmacy practice regulations. There were examples of pharmacist violations given in all the focus groups, such as illegal supply of POM,

 inappropriate storage conditions of medication, pharmacists working without licence, and supplying medication without a label.

"The air conditioning is not working, the expiry date of the medicine ... also they store medicines outside the refrigerator. We found some big problems we saw the technician dispensing the medicine they are not allowed to dispense the medication also find the pharmacist work without licence this is a big problem in the pharmacy." (PG-8)

Patients factors

Patients also influence pharmacists' behaviour in terms of not adhering to regulations due to pressurising pharmacists to illegally supply medications. Participants in the CPG said that they find themselves compelled to supply medication to patients in these situations, despite this being prohibited by law.

"Originally, it is prohibited by the Ministry of Health to dispense antibiotic as a strip and if this is done it would be a violation and in case of not dispensing them in this form, the patient will go to a second, third and fourth pharmacy until he finds what he wants" (CPG-1)

The healthcare system in Kingdom of Saudi Arabia

Participants in all groups discussed factors related to the healthcare system and their impact on medication safety in Saudi Arabia. These factors are presented here according to the HFF: external and organisational factors.

External factors

The structure of the Saudi healthcare system was an emerging theme. The PG and FPGs discussed the fragmented healthcare system. Patients visiting different physicians for the same medical problem and a lack of continuity in care are the results of the fragmented provision of healthcare that could lead to medication duplication and compromised medication safety.

"For example, the patient went to a physician who prescribed him Amlor [Amlopidine] and then went to another physician who prescribed him Amlopine [Amlopidine]. He imagined that they are different medications and took both." (CPG-4)

The PG discussed the limited capacity of the healthcare system and its inability to meet the increasing healthcare needs of the population. They suggested that community pharmacies could play a role in caring for patients to minimise the pressure on other healthcare facilities.

"Community pharmacy should work as primary centres ... take for example diabetic patient whatever the government invest and put amount of money in hospitals and primary care they will not be able to manage the whole diabetic population. They are huge [the diabetic population] so if you add hypertensive patients and asthmatic patient they are huge."(PG-4) Participants also discussed the lack of a patient database and filing system in community pharmacies: they perceived an electronic patient database with relevant medical information accessible to community pharmacists to be an important factor in medication safety. "There should be a special file for each patient in each pharmacy, not only in the hospital."(CPG-1) Organisational and management factors Participants suggested that solving the problem starts with the Saudi Ministry of Health, which should establish a national electronic health records database. The need to implement technologies such as electronic prescribing and to utilise drug information software, was discussed in both the PG and the CPG. Patient medication taking behaviour Patients' accounts of behaviours such as self-medication, sharing medication and adherence to medication emerged. Self-medication in the context of this study is the selection and use of medicines by individuals to treat self-recognized conditions or symptoms with POM or over the counter (OTC) medication. Participants in all groups agreed that self-medication is common in KSA. "I went to the pharmacy and said [something] and then some medications were given to me, that is, we are treating ourselves." (MPG-1) The MPG proposed several reasons for self-medication such as cultural influences, the accessibility of medication, the large number of community pharmacies, and patients' previous experiences with a medication. The CPG highlighted that patients even self-medicate with antidepressants without consulting a physician. They were also aware of medication abuse such as the use of steroids for weight gain and skin whitening.

 "Most people request Seroxa [antidepressant], and a segment of women take it due to marriage pressures. They take psychiatric medicines as a tonic that enables them to deal with the community in a better way." (I-3)

Sharing medication emerged as a theme across the CPG, FPG and MPG. Participants discussed sharing medication such as vitamins, painkillers and antibiotics with family members: "As fruits in the refrigerator." (MPG-5)

"Sometimes I think that the factor is economics and he doesn't want to pay for something he doesn't want to continue using." (CPG-1)

Patients do not adhere to their medications and do not follow instructions provided by pharmacists as participants in the CPG and MPG described.

"frankly, I never completed the period of the course" (MPG-3)

The patient's role in medication safety was discussed in all groups, and there was general agreement of the importance of educating patients.

Patient trust in the pharmacist

Patient trust in the pharmacist emerged in the CPG and pharmacy user groups. Participants in the pharmacy user groups identified several factors that affect this trust, such as pharmacists' age, an existing relationship with the patient, provision of advice, pharmacist nationality, and knowledge of the sector in which the pharmacist worked, e.g. governmental or private. Some participants perceived pharmacists having low levels of competence due to their non-Saudi nationality, especially regarding recognising trade names of medication. Another reason for lack of trust was due to the perception that pharmacists are business-oriented rather than patient-oriented.

"He has knowledge; he is old and calm, and he knows that I am coming for a consultation. I tell him the physician prescribed this and this. He knows me, and I buy some of the things. He knows my face, and he counsels me and gives me some of his time. He says, 'no this is that and this is good', and he gives me alternatives. He gives me advice. He is next to my home, and I trust his opinion." (MPG-4)

There was disagreement in the MPG that providing generic alternatives increases patients' trust in pharmacists. Participants in the CPG identified several factors that cause patients to lose confidence in the pharmacist. For example, when the pharmacist spends more time reading the prescription due to bad physician handwriting or incomplete patient information, which leads

pharmacists to ask the patient more questions. The CPG believed that patients trust physicians more than pharmacists. "I may receive a prescription in which the age and the diagnosis are not mentioned and what is only mentioned is the name. In order to dispense the medication, I ask many questions, I ask until I know the meant medication. Asking many questions results in the loss of confidence between the patient and me. My questions are meaningful since I concentrate on certain points." (CPG-3) Communication and information exchange Pharmacy users and the CPG discussed poor communication between pharmacists and patients, including the question of who should initiate communication. "What I notice is that they take the prescription and put it on the counter, and that is all. They do not even say hello." (MPG-1) Pharmacy users expressed a need for information about medication and that the primary role of the pharmacist should be as information provider. Barriers to effective communication identified by participants in all groups included language, culture, education, gender, having a third person (family member or friend) assigned by the patient to obtain the medication from the pharmacy, pharmacy layout and pharmacists' workload. "I came across someone who didn't know whether the medication was for constipation or diarrhoea. He said he wanted something for diarrhoea. The matter is that he didn't want something for diarrhoea; he wanted something to cause diarrhoea. In brief, language has an effect." (CPG-4) The CPG suggested that patients' ability to access medication information from other sources, such as the internet or friends, and the role of TV advertising, can cause problems when communicating with a patient, as they come to the pharmacy influenced by information from these different sources. "Patients come to me and say, 'I read that this drug is dangerous'. I ask him, 'Where did you read that?' and he says, 'The internet'." (CPG-3) The CPG also expressed concerns about the patient providing incomplete information or wrongly expressing symptoms to the pharmacist. The PG and MPG agreed on the need for clear and easily comprehensible information about medication in Arabic.

DISCUSSION

 The study identified a range of major medication safety problems in community pharmacy in KSA from a range of perspectives. The factors and circumstances that contribute to these problems are complex and interact with each other.

Commonalities existed across groups, and unsurprisingly the PG identified problems at a systemic or regulatory level. For example, all groups discussed the lack of enforcement of regulations. The professionals provided the reasons behind this, debating the role and importance of each organisation involved in pharmacy practice. The community pharmacists discussed the day-to-day problems that pharmacists face in terms of owners, patients and inspectors. The FPG, of whom the majority were mothers, shared their personal experiences with pharmacists and medications in their daily lives. The MPG also focused on regulations and systems and compared current practice in KSA with other countries, such as the UK and USA.

Most studies of medication safety in community pharmacy have considered only one aspect of safety, such as dispensing [21], prescribing errors [22-24] or workload [25]. Two studies have adopted holistic approaches to identify medication safety problems. [26,27] Phipps et al., identified a number of social technical factors consistent with our findings, such as regulatory and legal factors, group norms, trust in pharmacists, profitability versus safety, quality assurance and workspace, and collaboration between prescribers and patients. [27]

Commercialisation of pharmacy practice in this study was attributed to corporatisation, increased numbers of pharmacies, the absence of any governmental reimbursement and the lack of enforcement of regulations by regulatory bodies. Subsequently, some pharmacists illegally supply POMs, supply unnecessary medication or provide generic substitution based on profit not patient benefit. Community pharmacies generally operate as private businesses, thus the financial impact of any decisions made by community pharmacists is a concern that could potentially influence the attitude of pharmacists to service provision, for example the reporting of errors. [27] The Saudi pharmaceutical sector is the largest in the Gulf region, and has recently been growing by 4.7% annually. [28] There has been a six-fold increase in the number of community pharmacies in KSA over the past 30 years. [29] This huge market tends to promote the 'corporatisation' of pharmacies, as has happened in the UK, in which there is a change in ownership pattern from individuals to larger pharmacy chains. [30,31] Bush *et al.* describe the impacts – often negative - on the professional autonomy of pharmacists working in these big companies. [30]

 This current study suggests that failure to enforce regulations creates an environment in which violations become routine practice. For example, lack of enforcement of regulations has been attributed in this study and others conducted in KSA to the illegal supply of POM. [7-10] There is a lack of studies exploring the association between violations in community pharmacy practice and enforcement of regulations. [32] Lowe and Montagu [33], reviewed regulatory frameworks in 24 low-income countries and many of the challenges described are similar to those identified in this study, particularly in terms of fragmented pharmacy legislation and regulation, and insufficient numbers of inspectors. [33] Two randomized intervention studies reported the effect of enforcement of regulation on pharmacist compliance to regulations and improving services such as giving advice to customers and a decrease in the illegal supply of some medications. [34,35]

Self-medication was identified in this study as one factor contributing to medication safety in community pharmacy. Patients who self-medicate usually diagnose and treat themselves based on their own experience or that of family or friends, or information from the media and internet. One reason for self-medication identified here was that patients could not afford or wanted to avoid a physician visit. The main risks from self-medication identified previously include misuse, a potential delay in treating a serious condition, masking of symptoms of a serious condition through the use of a OTC medication, and drug interaction. [36,37] It is a cause for concern that most of the risks previously identified relate to self-medication with OTC medication, while self-medication with POM is present in KSA. [38]

Another important factor identified is the fragmented healthcare system in KSA. Healthcare delivery in KSA occurs in 'mixed market' systems, with care delivered both by government and private sector providers. [39,40] This allows patients to obtain healthcare from multiple healthcare providers, which has been associated with a number of medication safety problems, including duplicate interventions [41], multiple prescriptions, exposure to potential drug interactions [42], and high costs for patients and the government. [43,44] Given there are no patient medication records in Saudi community pharmacies, pharmacists will supply the prescribed medication to patients not knowing their other medication, potentially leading to medication duplication due to multiple prescriptions from multiple doctors.

The illegal supply of POM has been reported in many developing countries such as Mexico, China and also in other countries in the Middle East. [45-47] The main reasons identified in KSA were financial interests and the lack of enforcement of regulations. [7,8,11] Pharmacists in this current study admitted to the illegal supply of POM and provided several justifications, which were similar to findings from a qualitative study in India [48], that illegal supply of POMs is a

form of "social work" to help poor patients who cannot afford a physician's visit. The Indian study also cited commercial interest and the lack of pharmacist knowledge as reasons for this behavior.[48] The lack of communication between pharmacists and patients was identified as a medication safety problem. The importance of establishing two-way communication in identifying [49] and preventing ADEs [50,51] has been previously documented. An important determinant in establishing a relationship with a pharmacist identified in this

An important determinant in establishing a relationship with a pharmacist identified in this study is trust in the pharmacist.[52] Participants were suspicious of pharmacists' motives and their interest in profit rather than patient care. This is consistent with the findings of a study in Ireland. [53]

Strategies to target these factors and develop systems that ensure safe use of medication within community pharmacies are needed at different levels.

Strength and limitations of the study

 The study findings identified several categories of HFF that are relevant to the community pharmacy setting and provide a deeper understanding of community pharmacy practice, including reasons for specific behaviours, such as the illegal supply of POM. Another strength of the study is that all stakeholders were represented except general medical practitioners.

KSA is socially and culturally unique. As such, some factors identified in the current study may not apply elsewhere. However, many factors identified are likely to have resonance in many countries, for example pharmacist workload. [25] The number of participants in the CPG was small, due to the long working hours of community pharmacist. Supplementary telephone interviews helped to achieve data saturation; no new themes emerged in the telephone interviews. [54]

Participants were recruited from Riyadh, the capital of KSA, and opinions might not represent those of people across KSA. For example, problems relating to non-Arabic speakers may not be present in more rural areas. More than six million people live in Riyadh, 40% of whom are non-Saudi; this percentage is not the same in other regions. [55] Lastly the majority of participants had a college education, so less educated individuals were under-represented.

CONCLUSION

Community pharmacy has been shown in this study to be a complex system involving many interacting factors that influence medication safety. These factors were identified and

categorised using the Human Factors Framework. Commercial pressures on the community pharmacy sector and community pharmacists, a failure to enforce regulations, the fragmented healthcare system and self-medication, are all factors that contribute to medication safety problems. Strategies are needed at different levels to target these factors and develop systems that ensure safe use of medication within community pharmacies. Acknowledgments The authors would like to thank the participants in the study. We also thank the Saudi Food and Drug Administration and the Child Care Association in KSA for providing venues to conduct the PG and FPG events. Contributors LA, MW, SA and PK were involved in all stages of the study. LA drafted the article, and all authors including KM and HF were involved in critical revisions and approved the final version. **Competing Interests** None **Funding statements** This research project was supported by a grant from the "Research Centre of Female Scientific and Medical Colleges", Deanship of Scientific Research, King Saud University. Ethical approval The College Ethics Review Board, University of Aberdeen, UK Data sharing statement Audiotapes, notes and unpublished data from this study are securely stored and only available to Lobna Al Juffali.

549 **REFERENCES**

- 1127 550 (1)World Health Organisation, Safer Primary care: A Global Challenge.
- 551 WHO/IER/PSP/2012.16.Geneva. 27-28 February 2012; Available at:
 - 552 http://www.who.int/patientsafety/summary report of primary care consultation.pdf. Accessed
- 1130 553 May/26, 2016.

112211231124

1125 1126

1138

1141

1146

1147

1148

1151

1154

1157

1164

1166

11691170

1171

1177 1178

- 1132 554 (2) Gandhi TK, Weingart SN, Borus J, et al. Adverse drug events in ambulatory care. N Engl J Med
- 1133 555 2003;348(16):1556-1564.
- 1135 556 (3) Teinilä T, Halmepuro-Jaatinen S, Yritys K, et al. Adapting the US institute or Safe Medication
- 1136 557 Practices' Medication safety Self assessment tool for community pharmacies in Finland. *Int J Pharm*Pract 2012:20:15-24
 - 558 *Pract* 2012;20:15-24.
- 1139 559 (4) Al-Olah YH, Al Thiab KM. Admissions through the emergency department due to drug-related
 - 560 problems. *Ann Saudi Med* 2008 Nov-Dec;28(6):426-429.
- 561 (5) Al-Arifi M, Abu-Hashem H, Al-Meziny M, et al. Emergency department visits and admissions
 - due to drug related problems at Riyadh military hospital (RMH), Saudi Arabia. Saudi Pharm J 2014
- 1144 563 1;22(1):17-25.
 - 564 (6) Aljadhey H, Mahmoud MA, Hassali M, et al. Challenges to and the future of medication safety in
 - Saudi Arabia: a qualitative study. *Saudi Pharm J* 2014;22(4):326-332.
- 1149 1150 566 (7) Bin Abdulhak A, Al Tannir M, Almansor M, et al. Non prescribed sale of antibiotics in Riyadh,
 - 567 Saudi Arabia: A Cross Sectional Study. *BMC Public Health* 2011;11(1):538.
- 1152 1153 568 (8) Al-Mohamadi A, Badr A, Bin Mahfouz L, et al. Dispensing medications without prescription at
 - Saudi community pharmacy: extent and perception. Saudi Pharm J 2013 1;21(1):13-18.
- 1155 1156 570 (9) Bahnassi A. Pharmacists views and practices in regard to sales of antibiotics without a prescription
 - 571 in Madinah, Saudi Arabia. *J Patient Saf* 2016;12(3):159-164.
- 1158 1159 572 (10) Bahnassi A. Do no harm: the role of community pharmacists in regulating public access to
- 573 prescription drugs in Saudi Arabia. *Int J Clin Pharm* 2015.
- 1161 1162 574 (11) Bawazir SA. Prescribing pattern at community pharmacies in Saudi Arabia. *Int Pharm J*
- 1162 575 (11) Bawazii 5A. 1163 575 1992;6(5):222-223.
- 576 (12) Carayon P, Xie A, Kianfar S. Human factors and ergonomics as a patient safety practice. *BMJ*
 - 577 *Qual Saf* 2014 Mar;23(3):196-205.
- 1167 1168 578 (13) Taylor-Adams S, Vincent C, Street P. Systems analysis of clinical incidents: the London
 - 579 protocol. *Clin Risk* 2004;10(6):211-220.
 - 580 (14) Carayon P, Schoofs Hundt A, Karsh B, et al. Work system design for patient safety: the SEIPS
- 1172 581 model. Qual Saf Health Care 2006;15:i50-i58.
- 582 (15) Lawton R, McEachan RR, Giles SJ, et al. Development of an evidence-based framework of
- factors contributing to patient safety incidents in hospital settings: a systematic review. BMJ Qual Saf
- 1176 584 2012 May;21(5):369-380.

(16) World Health Organisation. The world health report 2000. Health systems: improving performance. Geneva. 2000; Available at: http://www.who.int/whr/2000/en/. Accessed May/25, 2016.

(17) Henriksen K, Dayton E, Keyes MA, et al. Understanding adverse events: a human factors framework. In: Hughes RG, editor. Patient Safety and Quality: An Evidence-Based Handbook for

Nurses US: Rockville (MD): Agency for Healthcare Research and Quality; 2008. p. 1-17.

- (18) Vincent C, Taylor-Adams S, Stanhope N. Framework for analysing risk and safety in clinical medicine . BMJ 1998;316(7138):1154-1157.
- (19) Harding J. Using codes to analyse an illustrative issue. Qualitative data analysis from start to finish: Sage; 2013. p. 81-106.
- (20) Tong A, Sainsbury P, Craig J. Consolidated criteria for reporting qualitative research (COREQ): a 32-item checklist for interviews and focus groups. Int J Qual Health C 2007;19(6):349-357.
- (21) Teinilä T, Grönroos V, Airaksinen M. A system approach to dispensing errors: a national study on perceptions of the Finnish community pharmacists. Pharm World Sci 2008;30(6):823-833.
- (22) Sánchez, Alina de las Mercedes Martínez. Medication errors in a Spanish community pharmacy: nature, frequency and potential causes. *Int J Clin Pharm* 2013;35(2):185-189.
- (23) Knudsen P, Herborg H, Mortensen AR, et al. Preventing medication errors in community pharmacy: frequency and seriousness of medication errors. Oual Saf Health Care 2007 Aug;16(4):291-296.
- (24) Sandars J, Esmail A. The frequency and nature of medical error in primary care: understanding the diversity across studies. Fam Pract 2003 Jun;20(3):231-236.
- (25) Lea V, Corlett S, Rodgers R. Workload and its impact on community pharmacists' job satisfaction and stress: a review of the literature. Int J Pharm Pract 2012;20(4):259-271.
- (26) Ashcroft D, Morecroft C, Parker D, et al. Patient safety in community pharmacy: understanding errors and managing risk. London: Royal Pharmaceutical Society of Great Britain; 2005.
 - (27) Phipps DL, Noyce PR, Parker D, et al. Medication safety in community pharmacy: a qualitative study of the sociotechnical context. BMC Health Serv Res 2009;9(1):158.
- (28) The Economist Intelligence Unit – Saudi Arabia: Healthcare and Pharmaceuticals Report. The Economist Intelligence Unit August 2012.
- (29) Ministry of Health, Saudi Arabia. Key indicators-Health indicators for 1435H. 2014; Available at: http://www.moh.gov.sa/Ministry/Statistics/book/Documents/1435.pdf. Accessed May/24, 2016.
- (30) Bush J, Langley C, Wilson K. The corporatization of community pharmacy: implications for service provision, the public health function, and pharmacy's claims to professional status in the United Kingdom. Res Social Adm Pharm 2009;5(4):305-318.
 - (31) Chakrabortty A. How boots Rouge, The Guardian, 13 April. 2016; Available at: https://www.theguardian.com/news/2016/apr/13/how-boots-went-rogue, Accessed 1 November, 2016.
- (32) Goel P, Ross-Degnan D, Berman P, et al. Retail pharmacies in developing countries: a behavior and intervention framework. Soc Sci Med 1996;42(8):1155-1161.

- (33) Lowe RF, Montagu D. Legislation, regulation, and consolidation in the retail pharmacy sector in
- low-income countries. South Med Rev 2009;2:35-44.

- (34) Stenson B, Syhakhang L, Lundborg CS, et al. Private pharmacy practice and regulation. Int J
- Technol Assess Health Care 2001;17(4):579-589.

- (35) Chalker J, Ratanawijitrasin S, Chuc N, et al. Effectiveness of a multi-component intervention on
- dispensing practices at private pharmacies in Vietnam and Thailand—a randomized controlled trial.
 - Soc Sci Med 2005;60(1):131-141.

- (36) Hughes C, McElnay J, Fleming G. Benefits and risks of self medication. Int J Pharm Pract
- 2001;24(14):1027-1037.

(37) Ruiz ME. Risks of self-medication practices. Curr Drug Saf 2010;5(4):315-323.

- (38) Asseray N, Ballereau F, Trombert-Paviot B, et al. Frequency and Severity of Adverse Drug
- Reactions Due to Self-Medication: A Cross-Sectional Multicentre Survey in Emergency Departments.
 - Drug Saf 2013;36(12):1159-1168.

- (39) Al -Yousuf M, Akerele TM, Al-Mazrou YY. Organization of the Saudi health system. East
- *Mediterr Health J* 2002;8:645-653.

- (40) Almalki M, Fitzgerald G, Clark M. Health care system in Saudi Arabia: an overview/Aperçu du
- système de santé en Arabie saoudite. East Mediterr Health J 2011;17(10):784.

- (41) Kasteler J, Kane RL, Olsen DM, Thetford C. Issues underlying prevalence of doctor-shopping
- behavior. J Health Soc Behav 1976:328-339.

- (42) Lo AY, Hedley AJ, Pei GK, et al. Doctor-shopping in Hong Kong: implications for quality of
- care. Int J Oual Health Care 1994 Dec;6(4):371-381.

- (43) Demers M. Frequent users of ambulatory health care in Quebec: the case of doctor-shoppers. Can
- *Med Assoc J* 1995 Jul 1;153(1):37-42.

- (44) Shin J, Choi N, Jung S, et al. Overlapping medication associated with healthcare switching
 - among Korean elderly diabetic patients. J Korean Med Sci 2011;26(11):1461-1468.

- (45) Casner PR, Guerra LG. Purchasing prescription medication in Mexico without a prescription.
- The experience at the border. West J Med 1992 May:156(5):512-516.

- (46) Pan H, Cui B, Zhang D, et al. Prior knowledge, older age, and higher allowance are risk factors
- for self-medication with antibiotics among university students in southern China. PloS one
- 2012;7(7):e41314.

- (47) Morgan DJ, Okeke IN, Laxminarayan R, et al. Non-prescription antimicrobial use worldwide: a
- systematic review. Lancet Infect Dis 2011;11(9):692-701.

- (48) Kotwani A, Wattal C, Joshi P, et al. Irrational use of antibiotics and role of the pharmacist: an
- insight from a qualitative study in New Delhi, India. J Clin Pharm Ther 2012;37(3):308-312.

- (49) Viktil KK, Blix HS, Moger TA, et al. Interview of patients by pharmacists contributes
- significantly to the identification of drug-related problems (DRPs). Pharmacoepidemiol Drug Saf

2006;15(9):667-674.

(50) Schnipper JL, Kirwin JL, Cotugno MC, et al. Role of pharmacist counseling in preventing adverse drug events after hospitalization. Arch Intern Med 2006;166(5):565-571. (51) Karapinar-Carkit F, Borgsteede SD, Zoer J, et al. Medication Safety: Effect of Medication Reconciliation with and Without Patient Counseling on the Number of Pharmaceutical Interventions Among Patients Discharged from the Hospital. Ann Pharmacother 2009;43(6):1001-1010. (52) AlGhurair SA, Simpson SH, Guirguis LM. What elements of the patient-pharmacist relationship are associated with patient satisfaction. Patient Prefer Adher 2012;6(1):663-676. (53) Hargie O, Morrow N, Woodman C. Consumer perceptions of and attitudes to community pharmacy services. *Pharm J* 1992;249:688-691. (54) Francis JJ, Johnston M, Robertson C, et al. What is an adequate sample size? Operationalising data saturation for theory-based interview studies. Pshycol Health 2010;25(10):1229-1245. (55) Central Department of Statistics & Information, Ministry of Economy and Planning, Saudi Arabia. Annual Statistical Yearbook, 50. 2014; Available at: http://www.stats.gov.sa/en/1163. Accessed May/25, 2016.

1358 1359		
1360 1361 1362 1363	689	Supplementary material
1364 1365	690	Appendix A
1366 1367	691	Topic Guide for focus group (Pharmacy user's)
1368	692	
1369 1370		
1371 1372	693	Questions to be addressed during the focus group
1373 1374 1375	694	a. What does medication safety mean to you?
1376 1377	695	Probes: Your personal experience of problems (adverse effect reactions)
1378 1379	696	b. What medicines are safe?
1380 1381	697	Probes: Why do you think they are safe?
1382		
1383 1384	698	Probes: when you are familiar with a medicine does this makes it safe? How is that?
1385		
1386 1387	699	c. What medicines do you think are associated with risk?
1388	700	Probes: Why do you think they are unsafe?
1389 1390		
1391	701	d. What medical conditions are most likely to cause problems with medicines?
1392 1393	702	e. What patients are most at risks from medication?
1394		
1395 1396	703	Probes: Age, Gender, pregnant women, lactating women, etc
1397	- 0.4	
1398	704	f. What are the main problems that you can encounter in a community pharmacy in
1399 1400	705	terms of medication safety?
1401 1402	706	g. How could community pharmacists help people with their medicines?
1403	707	Probes: your suggestions
1404 1405	707	1 Tobes. your suggestions
1406	708	h. Any comments
1407 1408		ii. They commends
1409	709	
1410	710	
1411 1412		
1413		
1414		24

Topic Guide for focus group (Professionals) Questions to be addressed during the focus group a. What are the main medication safety concerns associated with medicines supplied from community pharmacies in Saudi Arabia? Probes: Identify the problems and give examples from their point of view and experience. b. Who are the patients most at risk from medication safety problems? Probes: what are the medical conditions that have the highest risk to the patient? Probes: who are the population who are at most risk (age, gender, etc)? What types of medication are associated with safety problems in community pharmacy? d. What are the factors that contribute to these problems? How can community pharmacists prevent and manage these problems? What other agencies, organisations could help to improve medication safety with medicines supplied from community pharmacies? Probes: How could this is achieved? Any other comments

1476		
1477		
1478	505	Annandin D
1479	735	Appendix B
1480		
1481 1482	736	Coding index (expert and community pharmacist)
1483	737	1. New prescription
1484	738	1.1 Refill of a prescription medication
1485	739	1.1.1 With a prescription
1486	740	1.1.2 Without a prescription
1487	741	1.2 Self-medication
1488		
1489	742	1.2.1 Internet
1490	743	1.2.2 TV/ Advertisement
1491	744	1.2.3 Family, Friends, neighbours
1492	745	1.2.4 Based on previous experience
1493	746	
1494	747	2. Medication use process
1495	748	2.1 Prescribing
1496	749	2.1.1 Prescriber
1497	750	2.1.1.1 Lack of knowledge
1498 1499	751	2.1.1.2 Failure to communicate between pharmacist and prescriber
1500	752	2.1.1.3 Unethical prescribing practices/violation of the law
1501	753	2.1.2 Prescription
1502	754	2.1.2.1 Prescription incomplete information or ambiguous
1503		• • • •
1504	755	2.1.2.2 Handwriting
1505	756	2.1.2.3 Prescribing error
1506	757	2.2 Dispensing
1507	758	2.2.1 Patient pressure to supply medication
1508	759	2.2.2 Incomplete patient information
1509	760	2.2.2.1 Patient medical history
1510	761	2.2.2.2 Medication record
1511	762	2.2.3 Dilemma between patient care and money (commercial pressure)
1512	763	2.2.4 Labelling
1513	764	2.2.5 Illegal supply of medications
1514 1515	765	2.2.5.1 Factors that contribute to illegal supply of medication
1516	766	2.2.5.2 Common medications supplied without a prescription
1517	767	2.2.5.3 consequences of supplying medication without prescription
1518	707	2.2.5.5 consequences of supplying medication without presemption
1519	768	2.2.6 Generic substitution
1520		
1521	769	2.3 Pharmacist-patient communication
1522	770	2.3.1 Language
1523	771	2.3.2 Literacy
1524	772	2.3.3 Cultural considerations
1525	773	2.3.4 Third party communicating patient information (family member or
1526	774	2.3.5 Inaccurate information (self-diagnosis)
1527	775	
1528	776	2.4 Administration (Medication taking behaviour)
1529	777	2.4.1 Sharing medication
1530 1531	778	2.4.2 Adherence
1001		

1535			
1536			
1537	779	2.4.3	Drug abuse
1538	780	2.4.4	Drug misuse
1539	781		
1540 1541	782	2.5 Monitor	ring
1542	783	2.5.1	No follow up
1543	784	2.5.2	Reasons for no follow up
1544	785		computer system
1545	786	2.5.2.2 Othe	ers
1546	787 788	3. Medicat	ion
1547	789		ert medication
1548	790	3.1.1	
1549			Analgesics NSAIDS
1550	791	3.1.2	
1551	792	3.1.3	
1552 1553	793	3.1.4	Cortisone
1554	794	3.1.5	Control medication
1555	795	3.1.6	Psychotherapeutic agents
1556	796	3.1.7	Thyroxine
1557	797	3.1.8	Weight management agents
1558	798	3.1.9	Minoxidil
1559	799	3.1.10	Vitamins
1560	800	3.1.11	Hormonal replacement therapy
1561	801	3.1.12	Warfarin
1562	802	3.2 Other re	elated medication problems
1563	803	3.2.1	Medications with unimproved indications
1564 1565	804	3.2.2	Look alike, sound like medications
1566	805	3.2.3	Counterfeit medications
1567	806	3.2.4	Expiration date
1568	807	3.2.5	Bar coding
1569	808	3.2.6	Pricing
1570	809	3.2.7	Medication shortage and availability
1571	810	0.2.7	medication shot tage and availability
1572	811	3.3 Herbal	medication
1573	812		cion distribution
1574	813	3.4.1	Transportation
1575 1576	814	3.4.2	Storage
1577			9
1578	815		cion related problem concerning patient outcome
1579	816	3.5.1	Duplication of therapy
1580	817	3.5.2	Adverse drug effects
1581	818	3.5.3	Dosage regimen
1582	819	3.5.3.1 Dos	
1583	820	3.5.3.2 Dos	e too low
1584	821	3.5.4	Drug interaction
1585	822	4. Patient	
1586	823		at risk of medication safety problems
1587 1588	824	4.1.1	Patient with Allergies
1589	825 826	4.1.2	Patient with Allergies Patients with poly pharmacy
1590	826 827	4.1.3 4.1.4	Gender
1591	04/	7.1.7	uchuch
1592			27
1502			

1594		
1595		
1596	020	4.1.4.1 Famala
1597	828 829	4.1.4.1 Female 4.1.4.2 Male
1598	830	4.1.5 Age
1599	831	4.15.1 Paediatric
1600	832	4.15.2 Geriatric
1601	833	4.1.6 Education
1602	834	4.1.7 Language
1603	835	4.1.8 Patients with no insurance
1604	836	4.2 Patient /public awareness of medication safety
1605	837	4.3 Patient perception and attitude towards healthcare professional roles
1606	838	4.3.1 Physician
1607 1608	839	4.3.2 Pharmacist
1609	040	5 Pharmacist
1610	840	
1611	841	5.1 Scientific knowledge of pharmacist
1612	842	5.2 Continuing education/ training
1613	843	5.3 The quality of practice/unprofessional practice
1614	844	5.4 Nationality
1615	845	5.5 Pharmacist assessment/ licensing
	846	5.6 Working hours
1617	847	5.7 Stress
1618	848	5.8 Fatigue
1619	849	5.9 Salary
1620 1621	850	5.10 Pharmacist perception of their role
1622	851	5.10.1 Compounding
1623	852	5.10.2 Providing clinical services
1624	853	5.10.3 Other
1625	854	6 Pharmacy
1626	855	6.1 Reimbursement for pharmacy
1627	856	6.2 Specialised pharmacy for each population (disease)
1628	857	6.3 Type of pharmacy
1629	858	6.3.1 Independent
1630	859	6.3.2 Chain pharmacy
1631		
1632 1633		6.4 Location ,distribution and number
1634	861	6.5 Pharmacy owners/managers
1635	862	6.6 The use of technology
1636	863	6.6.1 Patient databases
1637	864	6.6.2 Drug information software's
1638	865	7 Organisations and systems
1639	866	7.1 Regulator s
1640	867	7.1.1 Role of the Ministry of Health
1641	868	7.1.2 Role of Saudi Food and Drug Authority
1642	869	7.1.3 Role of other organisations
1643 1644	870	7.2 Role of Universities
1645	871	7.3 Pharmaceutical companies and manufactures
1646	872	7.4 Accreditation
1647	873	7.5 Punishing and rewarding system
1648	874	7.6 International Organization for Standardization
1649	875	7.7 Regulation for pharmacy practice
1650		
1051		20

1653		
1654		
1655 1656	876	7.7.1 The availability of regulation
1657	877	7.7.2 Lack of enforcement of regulation
1658	878	7.8 Inspectors
1659	879	7.8.1 The qualifications of inspectors
1660 1661	880	7.8.2 Number of inspectors
1662	881	7.8.3 Relationship between pharmacist and inspectors
1663	882	7.9 Insurance
1664 1665	883	7.10 Patient filling system
1666		
1667 1668	884	8 Commercial pressure
1669	885	
1670	003	
1671	886	
1672 1673		
1674	887	
1675		
1676		
1677 1678	888	
1679		
1680	889	
1681		
1682	890	
1683 1684		
1685	891	
1686	091	
1687		
1688	892	
1689 1690		
1691	893	
1692		
1693	894	
1694	071	
1695 1696	00.	
1697	895	
1698		
1699	896	
1700 1701		
1701	897	
1703		
1704	898	
1705	070	
1706 1707		
1707	899	
1709		

1712		
1713		
1714		
1715	900	Coding index (Pharmacy users)
1716		
1717	901	1 Patient (related to the patient characteristics and others)
1718	902	
1719	903	1.1 Patient at risk of medication safety problems
1720	904	1.1.1 Patient with chronic diseases
1721	905	1.1.2 Patient with Allergies
1722	906	1.1.3 Patients with serious operations
1723	907	1.1.4 Patients with poly pharmacy
1724	908	1.1.5 Patients with kidney problems
1725	909	1.1.6 Patients with liver problems
	910	1.1.7 Gender
1727	911	1.1.7.1 Female
1728	912	1.1.7.1.1 Pregnant
1729	913	1.1.7.1.2 Hormones
1730	914	1.1.7.1.3 More prone to disease
1731	915	1.1.7.2 Male
1732	916	1.1.8 Age
1733	917	1.1.8.1 Paediatric
1734	918	1.1.8.2 Geriatric
1735	919	1.1.8.2.1 Bed ridden patients
1736	920	1.1.9 Education
1737	921	1.1.9.1 Patients
1738	922	1.1.9.2 Care givers
1739	923	C
1740	924	1.2 Patients perceptions and believes
1741	925	1.2.1 The medication is safe if it is written in the package insert that it is safe
1742	926	1.2.2 Effective medicine are prescribed by the physician
1743	927	1.2.3 Medications prescribe by the physician are safe
1744	928	1.2.4 Illegal supply of medication by pharmacist are risky
1745	929	1.2.5 Community pharmacies are not safe
1746	930	1.2.6 Intervention of pharmacist is a must
1747	931	1.2.7 Antibiotics has to be used as directed
1748	932	1.2.8 Certain disease must be treated and others not important
1749	933	1.2.9 Pharmacies are shops, groceries (for business)
1750	934	1.2.10 Patient risk perception
1751	935	1.2.10.1 Based on information provided
1752	936	1.2.10.2 According to setting (hospital vs. community pharmacy)
1753	937	1.2.10.3 Different routes are associated with different risks
1754	938	
1755	939	
1756	940	1.3 Patient /public awareness of medication safety
1757	941	1.3.1 Patient responsibility and role
1758	942	1.3.2 Patient awareness of regulations
1759	943	1.3.3 Awareness of the importance of the correct dosage form
1760	944	1.3.4 Awareness of the importance of the medication history
1761	945	1.3.5 Awareness about asking about allergies
1762	946	1.3.6 Awareness about the importance of asking about other medication
1763	947	
1764	948	1.4 Patient perception and attitude towards healthcare professionals roles
1765	949	1.4.1 Differentiate between health care professionals role
1766	950	1.4.2 Physicians
1767	951	1.4.2.1 Blame physician
1768		• •
1760		30

1771			
1772			
1773			
1774	952		1.4.2.2 Physician is always right
	953		1.4.3 Pharmacist
1775	954		1.4.3.1 Role of the pharmacist
1776	955		1.4.3.2 Perceive a positive role
1777			-
1778	956		1.4.3.3 Perceive a negative role
1779	957		1.4.3.4 Based on nationality
1780	958		1.4.3.5 Blame pharmacist
	959		
1781	960		1.5 Patient behaviour
1782	961		1.5.1 Self medication
1783	962		1.5.2 Sharing medication
1784	963		1.5.3 Addiction/dependence problem
1785			, 1
1786	904		1.5.4 Inappropriate medication use
1787	965		1.5.5 Do not follow instruction
	966		1.5.6 Patient pressure to supply medication
1788	907		1.5.7 Noncompliance
1789	700		1.5.8 Patients do not buy medication from pharmacist they do not know
1790	969		1.5.9 Patient test the pharmacist
1791	970		1.5.10 Patient do not want to decide for their selves
1792	971		
1793	9/1		1.5.11 Trust
1794	9/2		1.5.11.1 Patients trust pharmacist
	9/3		1.5.11.2 Based on knowledge
1795	2/4		1.5.11.3 Based on nationality
1796	9/3		
1797	976	2	Information and communication
1798	977		2.1 Sources of information
1799	978		2.1.1 Pharmacist
1800	979		
1801	213		2.1.2 Physician family, neighbours and friends
1802	700		2.1.3 Internet
	901		2.1.4 Package insert
1803	982		2.1.5 Advertisement
1804	983		2.1.6 Media
1805	984		
1806	985		2.2 Type of information requested
1807			2.2.1 What it is
1808			2.2.2 Direction of use
1809	, , ,		
1810	700		2.2.3 Dose
	,0,		2.2.4 Dosage form
1811	990		2.2.5 What it is taken for
1812	,,,		2.2.6 Drug interaction
1813	, , _		2.2.7 Side effects
1814	,,,		2.2.8 Alternative
1815	994		2.2.9 Cost
1816			2.3 Quality of information provided
1817	,,,		2.3.1 Lack of information
1818	,,,		
			2.3.2 Wrong information
1819	, , ,		2.3.3 Understandable information
	999		2.3.4 Not patient centred
	1000		2.3.5 Conflicting information
1822			2.3.5.1 Between pharmacists
	1002		2.3.5.2 Between pharmacist and physician
	1003		2.3.6 Communication between pharmacist and patient
	1003		2.3.6.1 Information exchange
			-
- 10/0			
	1005		2.3.6.1.1 Pharmacist start asking
1827	1005		2.5.0.1.1 Pharmacist start asking

1830		
1831		
1832		00/40 P. H
1833 1006		2.3.6.1.2 Patient start asking
1834 1007		2.3.6.2 Ask about the history
1835 1008		2.3.6.3 Allergic reaction
1836 1009		2.3.6.4 Other medication
1010		2.3.6.5 Privacy
1837 1010 1837 1011		2.3.6.6 Time
1838 1012		2.3.6.7 Third party communicating patient information (family member or other)
1839 1013		2.3.7 Communication between physician and patient
¹⁸⁴⁰ 1014		2.3.7.1 Insufficient information gathering from patient
1841 4045		<u>-107/1204014</u>
1842 1843 1843		
1843 1017	3	Comparison between Saudi Arabia community pharmacy practice and other countries
1844 1018	3	3.1 Pharmacy setting
1845 1019		3.2 Pharmacist practice
1846 1020		3.3 Medication
1847 1021		5.5 Medication
1848 1022	4	N. 1
1849 1023	4	Medication
1850 1023		
1850 1024		4.1 Medication composition
1851 1025		4.2 Generic substitution
1852 1026		4.3 Illegal supply of medications
1853 1027		4.3.1 Factors that contribute to illegal supply of medication
1854 1028		4.3.2 Consequences of illegal supply
1855 1029		4.3.3 Illegal supply is safe
1856 1030		4.3.4 Illegal supply is risky
¹⁸⁵⁷ 1031		4.3.5 Medication that are illegally supplied
¹⁸⁵⁸ 1032		4.4 Safe Medication
¹⁸⁵⁹ 1033		4.4.1 Paracetamol products
¹⁸⁶⁰ 1034		4.4.2 Mebo
¹⁸⁶¹ 1035		4.4.3 Otrivin
¹⁸⁶² 1036		4.4.4 Nasonex
¹⁸⁶³ 1037		4.4.5 Cosmetics
¹⁸⁶⁴ 1038		4.4.6 Vitamin C
1865 1039		4.4.7 Aspirin
1866 1040		4.5 Risky medication
1867 1041		4.5.1 Contraceptives
1868 1042		4.5.2 Antibiotics
1869 1043		4.5.3 Cortisone
1870 1043		4.5.4 Asthma medication
1871 1045		
1872 1046		4.5.5 Roaccutane
1873 1046		4.5.6 Whiting drugs
		4.5.7 Psychotherapeutic agents
1874 1048		4.5.8 Thyroxin
1875 1049		4.5.9 Weight management agents
1876 1050		4.5.10 Creams
1877 1051		4.5.11 Multivitamins
1878 1052		4.5.12 Hormonal replacement therapy
1879 1053		4.5.13 Antihistamine
1880 1054		4.5.14 Medication for cough
1881 1055		4.5.15 Performance enhancing medication in sport
1882 1056		
1883 1057		4.6 Other related medication problems
1884 1058		4.6.1 Medications with unimproved indications
1885 1059		4.6.2 Sources of medication
1886		
1007		22

```
1889
1890
1891
     1060
                      4.6.3
                             Availability of medication
1892
     1061
                      4.6.4
                             Accessibility of medication
1893
                      4.6.5
     1062
                              Quality of medication
1894
                      4.6.6
                              Ouantity of medication
     1063
1895
                      4.6.7
                             Compounding
     1064
1896
                             Counterfeit medications
     1065
                      4.6.8
1897
                      4.6.9
                             Expiration date
     1066
1898
     1067
                      4.6.10 Bar coding
1899
     1068
                      4.6.11 Pricing
1900
     1069
                  4.7 Herbal medication
1901
     1070
                  4.8 Drug abuse
1902
     1071
                  4.9 Drug misuse
1903
                 4.10 Medication Storage
     1072
1904
     1073
                      4.10.1 Dosage regimen
1905
     1074
                          4.10.1.1
                                     Dose
1906
     1075
                          4.10.1.2
                                     Dosage form
1907
     1076
                 4.11 Medication related problem concerning patient outcome
1908
     1077
                      4.11.1 Duplication of therapy
1909
     1078
                      4.11.2 Adverse drug effects
1910
     1079
                      4.11.3 Medication error
1911
     1080
                      4.11.4 Allergy
<sup>1912</sup> 1081
                      4.11.5 Drug interaction
<sup>1913</sup> 1082
                              2.11.5.1 Consequences of drug interaction
<sup>1914</sup> 1083
<sup>1915</sup> 1084
                  Pharmacist (related to the pharmacist characteristics and others)
              5
<sup>1916</sup> 1085
                  5.1 Lack of knowledge
1917
     1086
                  5.2 The quality of practice/unprofessional practice
     1087
                  5.3 Nationality
1919
1920 1088
                  5.4 Working hours
1921 1089
                  5.5 Shortage of staff
1922 1090
                  5.6 Fraud certificate
1923 1091
                  5.7 unqualified pharmacist
<sup>1924</sup> 1092
                  5.8 Pharmacist busy
1925
     1093
                  5.9 Pharmacist should be proactive
1926
     1094
                  5.10
                             Ethics and morality
1927
<sub>1928</sub> 1095
                  5.11
                             Stress
1929 1096
                  5.12
                             Salary
1930 1097
                  5.13
                              Commercial pressure
1931 1098
                  5.14
                             Primary role is a n information provider
1932 1099
                  5.15
                             Identify drug interaction
1933
     1100
                  5.16
                             Pharmacovigilance
1934
     1101
1935
     1102
                  Pharmacy
1936
     1103
1937
                  6.1 Pharmacies are accessible
     1104
1938
                  6.2 Sell everything
     1105
1939
                  6.3 Source of medication when government cannot supply enough
     1106
1940
     1107
                  6.4 Location and distribution
1941
                  6.5 Pharmacy owners/managers
     1108
1942
                  6.6 Other personal working in pharmacy
     1109
1943
                  6.7 Pharmacy design and arrangement
     1110
1944
1945
```

1948 1949 1950 1951 1111 1952 1113 1953 1114 1954 1115 1955 1116 1956 1117 1957 1118 1958 1119 1959 1120 1961 1121 1962 1121 1962 1123 1963 1124 1964 1125 1965 1126 1966 1127 1967 1128 1968 1129 1969 1130 1970 1131	7	6.8 The use of technology 6.8.1 Patient databases 6.8.2 Drug information software's Organisations and systems 7.1 Role of the Ministry of Health and other organisations 7.2 Regulation for pharmacy practice 7.2.1 The need for regulations 7.2.2 Licence and licensing 7.2.3 Punishment 7.2.4 Lack of enforcement of regulation 7.3 Insurance 7.3.1 The system 7.3.2 The affect of insurance on supply of medication 7.4 Variation between healthcare services 7.5 Pharmaceutical industry 7.6 Multiple health care providers Physician 8.1 Misdiagnosis 8.2 Physician prescribing behaviour
1971 1132 1972 1133 1973 1134		8.3 Prescribing error8.4 Handwriting8.5 Perception of patient that prescription prescribed by patients are safe
1974 1975		o.5 Tereeption of patient that prescription prescribed by patients are sale
1976 1977		
1978 1136 1979		
1980 1981		
1982 1983 1984		
1985 1139 1986		
1987 1140 1988		
¹⁹⁸⁹ 1141		
1991 1992 1993		
1994 1995 1143		
1996 1997 1144 1998		
1999 1145 2000		
2001 2002		

2010 1146

Appendix C

2010 1110

2012 1147

Selected quotes from the focus groups, illustrating examples of the themes that emerged

Identified themes	Human factor category	Subthemes	Quotes
1. Commercialism and commercial pressure on community pharmacies in Saudi Arabia	External factors Organisational and management factors Work environment	Healthcare system role in commercialism The role of Pharmacy owners and managers Type of pharmacy and its effect on medication safety Pharmacist working hours	"I mean the proportion of safety increased because the medical insurance makes everyone go to the doctor before they go to the pharmacist, and do not take the treatment directly from the pharmacy." (1-4) "Listen, the biggest problem of the medical insurance is that the doctors prescribe medicines they want to sell or will gain benefit from. The most important purpose of most pharmaceutical companies, not all, nowadays, is the sales nothing else, therefore they influence some doctors to prescribe their medicines regardless the patient needs it or not Ok. This is the main problem of the insurance, because the patient does not pay high amount, therefore the prescription contains medicines that are over the patient's need, prescribed just to be sold, no more" (1-3) "Problems between you and the owner arise; he [the owner] asks what happened [you] pay a penalty, close the pharmacy and your license is suspended. These problems face us and affect our work." (CPG-4) "We talk about the chain of pharmacy we spend a lot of time to train our pharmacists before going to be behind the counter to dispense medicationChain of pharmacy or chain group it is easy to implement any regulations" (PG-2) "Street pharmacies [independent pharmacies] have more problems because the responsibility is like a burden on the pharmacist's shoulders. He becomes a physician. On the other hand, when I am in a place [where] there is a clinic, half of my time is spent on prescriptions from the clinic, and the physician upstairs is doing his duty, writing the medicine that suits the patient and explaining to him the safety of the medicine. The clinic helps me, but when I work in a street pharmacy, I almost work alone, so I have to exert extra effort to explain to patients." [1-4] "If you will find small pharmacies you will find most of the medication they survive on availability [availability of medication] in chain pharmacies they survive on availability [availability of medication] in chain pharmacies for extra hours. For example,

	Transfertors	Low salaries	"The medication is unconsidered with the pharmacist, because all pharmacists are frustrated and this is due to their low salaries and the nature of their work. In a pharmacy, I noticed a pharmacist working in the middle of a hot day on Friday and he used to walk three or four kilometres." (MPG-5)
	Team factors	Physician prescribing behavior	"The medication is prescribed due to a commission, and this has resulted in a loss of confidence between us and physicians." (MPG-7) "Listen, the biggest problem of the medical insurance is that the Doctors prescribe medicines they want to sell or will gain benefit from. The most important purpose of most pharmaceutical companies, not all, nowadays, is the sales nothing else, therefore they influence some doctors to prescribe their medicines regardless the patient needs it or not. Ok." (1-3)
	Task factors	Patient counselling	"The pharmacists' required trait is honesty. He should be honest when giving an opinion or at least not give advice if his advice is for commercial purposes. His positive role is absent here." (MPG-3) "My problem is always that when I go, they give me the best and the latest on the market, that is to say, they do not give me the one appropriate for me. The problem is that they do not try to learn whether it is appropriate or not." (FPG-1)
		Generic substitution	"He sometimes tells you about an alternative if one drug is expensive. I hear him saying, 'its price is seventy, but there is an alternative that is only forty'." (FPG-2) "Price is not the issue, [it is to] prevent you [the patient] from going to other pharmacy" (FPG-5) "When I talk to him and he gives me options, [I think] I came to ask you! Why do you give me options? What do you like? [He asks] Do you want this medicine or is it ok with you if I give you this or this?'
2. Illegal supply of prescription medication by pharmacist	factors		"But in the past, we had same discussion by the way it is not logic that xxx dose not sell the medication without medications [means prescriptions] while my neighbour is selling without I will be broken and close my business. So, implementing in this time is very important as a chain of pharmacy owner and heading this kind of committee I think very willing we need some kind of cooperation from the Ministry of Health to encourage such way. Of course, I believe always about penalties you need to implement something you need to do it the penalties if there is a punishment for one pharmacy dispensing that everybody will commit with that." (PG-2) "We are pharmacists, we have certificates and we know what to dispense, but there are laws controlling us." (CPG-3) "When you have a patient in front of you needing to be treated, it would be difficult, especially if the patient is poor and needs assistance, not to help him." (CPG-4) "We are not only pharmacists, but also marketers I know why he wants the Liponex, whether he wants to sell or take four or five tablets The same happens with the psychological medication we may dispense itSolving the problem of insomnia may not be that he cannot sleep, it may be depression, so we give him antidepressants like Liponex. A week prior to marriage anti-depressants may be needed, and we give Sirolex either for a man or a woman." (CPG-3) "The CPs should not give medications without prescription because they are risky." (FPG-8)

	T	1	
3. Lack of enforcement of regulations	External factors	Regulations and regulators	"We have three governing bodies in controlling the whole process [medication supply]: one controlling the medication SFDA, one controlling community pharmacy which is MOH, and one controlling the licensing pharmacist, I think either we have one governing body who is controlling the whole process and all effective collaborative efforts between these different agencies." (PG-1)
			"I disagree with (PG-1) about what he mentioned about that community pharmacy practice should be under one umbrella. I think this is different because even in Europe the authority who is licensing for the pharmacist is different from the authority licensing for the pharmacy." (PG-2)
			"The most important thing is the Ministry of Health, and it is important to inspect on the licenses of pharmacists. Does the pharmacist have a license or not? Does he have a card of the health certificate? There should be a follow-up on medicines in pharmacies. There are medicines sold which are trafficked. This would have to be controlled." (I-3)
	Individual	Pharmacist	
	factors:	adherence to	"No professional pharmacist will like to break the law" (PG-4)
	Pharmacist	law and regulations	" When someone comes requesting a combination, I make [prepare the medication as a compound] and hide it as if I am committing a crime." (CPG-4)
			" There is the regulation but they are playing with regulations" [PG-8]
			"Community pharmacy should have a sign state that no prescribed medication should be prescribed without a prescription from a physician we do have it in Arabic written everybody can read, ok. The problem community pharmacy pharmacists although there is a sign they are still selling medications without prescription." (PG-1)
			"There is no enforcement on pharmacists for example to label products although the law is saying you have to label products the law is saying you have to dispense with prescription [moving his head] they are not doing. The only control that I can say fairly is the narcotic controlled medication." (PG-4)
	Medication factors	Counterfeit medication as consequence	"I have encountered a lot of counterfeit products It is not medicines but other things, for example, herbs. Many medicines are from natural herbal components, but their origins or their producers are not known, and even there is nothing written on it, and not licensed by the Saudi Ministry of Health." (I-3)
			"in Saudi Arabia counterfeit is not a major problem because the system we are going through and the good control of the port in general" (PG-4)
			"I think the worst that we suffer regarding medications is fraud they could be counterfeit" (FPG-9)
4. Healthcare system in KSA	External factors	The fragmented healthcare system	"And I remember one time one patient like he has two different insurance he went to two different doctors and get the same medication from the different insurance so we also we need to connect all three [pharmacy, patient, health insurance system] together so we have a system for the insurance for this patient if he has two insurance so he will not abuse this insurance by getting the same kind of medication from different pharmacy or different hospitals." (PG-5)
		Lack of patient database in community pharmacies	"when PG-6 mentioned about the filing lets go even to institutions in the government you find some patients going to different hospitals with no common filing this is a problem starting from the beginning not from the community which is in the end of the road this is one of the problems I know some people going to different hospitals to get the same medication this is I think a problem. However, I am just wondering about it. This the time I think the MOH to upgrade the behaviour [to implement a filling system]." (PG-2)
			"He dispenses medication based on what information you provide him; nothing [is] documented" (MPG-7)

		Organizational and management factors	Implementation of technology in community pharmacy	"In America, there is a program contains the name of the medication to be dispensed drug-drug interaction. This system is good and increases the safety of medications and as to the problem of expiration"
5.	Patient medication taking behavior		Self-medication	'CPG-2: I add the point of the medication, which needs monitoring at intervals such as vitamin D3 and it is of no use being taken randomly without measuring the levels at start. I see them may take the Swiss vitamin D3 (big clap) Each week he takes one bottle just because he thinks he is suffering from osteoporosis CPG-4: and this is what is common nowadays CPG-1: what is common nowadays is that they suffer from vitamin D deficiency and then take it without taking baseline levels." "As for the medicine with severe risk that contains cortisone, most women especially here in the KSAuse cortisone [Steroids] for weight gain, [] Unfortunately, they take it a lot and repeatedly. They may take it monthly for many times." (1-3) "Yes, it is the core problem [self-medication]" (MPG-5) "Regrettably, the issue is the culture of the society, the easiness of obtaining some medications. No need to go far, in the United Arab Emirates, the antibiotic is taken through a prescription whereas in our country, you can take any kind of medications even it is controlled and even from private clinics." (MPG-6)
			Sharing medication	CPG-1: Cooperation, that is, I have a pharmacy at home CPG-5: as fruits in the refrigerator. Moderator: Well, does that mean all your medications are shared? CPG-1: No, not to this extent, may be antibiotic without exaggeration. Moderator: Could give me examples? CPG-5: When I travel abroad I always have a packet of zithromyx and of course Fevadol, sprays and all medications that I will face a problem their not getting them. Moderator: do you share medications with the family, participant 4-3 and participant CPG-4? CPG-4: Personally, I am careful with regard to medications, particularly antibiotics and I am careful not to be taken by my children unless for a compelling reason or according to specific instructions. That is, cautiousness with medications, specially,
			A.11	antibiotics. As to sharing, I don't share may be Panadol or painkiller.
			Adherence to medication	"Yesterday, I was chatting with one of my friends. He said: while we were moving from house to house, we found a drawer in my mother's room, when we open it; we found it full of medications. She used to bring medication from the hospital and place there so as not to use it. She admits only hypertension and cholesterol; in case of any other medical problems she hides its medication from her sons and daughters." (MPG-6)

6. Patient trust in pharmacists		"If working in the government sector, I think they could be honest as most of them are Saudis, with Saudi certificates, the foreigners you cannot know if they have qualification in the field or only salesmen [] certain places offer fraud certificates, but I do not know more details." (FPG-1) "We have many cases they do not know anything, sometimes they do not even know BID [to be taken two times a day]." (PG-2) "Many thanks for him now because he refused to give medicine that was inappropriate the pharmacist was honest; he seemed to be newly appointed." (FPG-3) "Patients trust their doctor even if he made a mistake in something; patients never trust anybody else because they fully rely on the doctor." (I-3)
		"I see if there is commitment and standards from the pharmacist. [This is] part sincerity. He asks you some questions to make you feel that he is careful, not just give and take some time, they just can get a member of staff to do that." (MPG-2)
7. Communication and information exchange	Patient- pharmacist communication Patient medication information source	"The pharmacist should care about communication with the patient and not get bored questioning the patient. Despite the feeling that the patient does not want to be asked a lot of questions, the pharmacist should do what is best for him ethically. The goal is the patient's benefit."(CPG-1) "My work depends on communication with my patients."(CPG-4) "I did not ask, but he was proactive. Just a little information about the medication and I will be thankful, as he is the specialist. I am sure that some of the medications have red lines [cautions]. Even if they are licensed, I need to be informed about the cautions on them." (MPG-2) "I think education (being proactive) is not the role of the pharmacist. It is impossible to explain everything to everyone. If the patient asks, he should answer; if the patient does not ask, it is not the role of the pharmacist to explain." (MPG-4) "I read a package insert with a lot of information warnings and side effects, I always get afraid I immediately get my eye glasses and start reading So even the words they use are harmful, especially when they say 1 in 100,000, some words hurt." (MPG-4)
	Factors affecting communication exchange	"The pharmacists they are male pharmacists, so the females most of them are sending their driver to get their medication they may not ask questions that can be a communication barrier. Many families send the driver to get the medication" (PG-3) "He gave him many options, maybe his child's age, I don't know, but he gave him options and explained [things] to him and gave him more time. I kept waiting. When it was my turn, he said to me, 'this is the best, so take it." (FPG-1) "There is no chair in the reception, in the middle in front of him, a large space so he can put Strepsils and gum. You go abroad; there are chairs for waiting because he knows he will take some of my time to discuss information with the patient before me no chairs for waiting, and if you wait, don't expect them to tell you anything." (MPG-5)

2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2334 2335 2336 2337 2338 1153 2336 2337 2338 1153 2336 2337 2338 2338 2339 2340 2341 2342 2338 2344 2355 2336 2377 2388 1149 2330 1151 2331 1152 2332 2333 1153 2344 235 2334 2345 2346 2347 2348 2348 2348 2348 2348 2348 2348 2348	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2328 2328 2329 2321 2322 2323 2324 2325 2326 2327 2328 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2324 2333 2324 2333 2325 2333 2326 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2344 2345 2345 2345	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2333 1153 2334 2334 2335 2336 2337 2338 1153 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2339 2330 2331 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2340 2341 2342 2342 2343 2344 2342 2344 2342 2344 2344 2345 2344 2344	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 2332 2333 2344 235 2333 2324 2325 2328 2327 2328 1149 2330 1151 2331 2332 2333 2344 235 2333 2344 235 2333 2344 235 2336 237 238 1151 2331 2332 2333 2344 2335 2336 2337 2338 2349 2330 2341 2331 2332 2333 2344 235 2336 2337 2338 2349 2330 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2331 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2339 2330 2341 2332 2333 2344 2335 2336 2337 2338 2349 2330 2341 2332 2333 2344 2335 2336 2337 2338 1153 2338 2334 2334 2334 2335 2336 2337 2338 1151 2337 2338 2338 2338 2334 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2338 2339 2339 2340 2341 2342 2342 2343 2344 2342 2343 2344 2342 2343 2344 2342 2344 2342 2343 2344 2344 2342 2343 2344 234	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2329 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2332 2333 2324 2333 2325 2333 2326 2337 2338 2339 2330 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2339 2330 2331 2331 2332 2333 2334 2339 2330 2330 2331 2331 2331 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2321 2325 2328 2328 2328 2329 2329 2330 2315 2331 2332 2333 2344 235 236 237 238 239 239 230 231 232 2333 2324 2325 2326 2327 2328 2328 2329 2330 2331 2331 2332 2333 2334 2336 2337 2338 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2336 2337 2338 2339 2330 2331 2332 2333 2336 2337 2338 2339 2339 2339 2339 2339 2339 2339	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2344 2355 2366 2377 2328 1149 2330 1151 2331 1152 2332 2333 234 2334 2335 2334 2335 2334 2335 2336 2337 2338 2339 2340	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2325 2326 2327 2328 1149 2330 1151 2331 1152 2332 2333 2344 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2332 2333 2334 2334 2335 2336 2337	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2334 2334 2335 2334 2334 2336	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2331 1152 2332 2332 2333 1153	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2347 2348 2349	2348	2347		2344						2337	2336	2335		2333 1153	_	2331 1152
2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339	2331 1152 2332 2333 1153 2334 2335 2336 2337	2331 1152 2332 2333 1153 2334 2335 2336	2331 1152 2332 2333 1153 2334 2335	2331 1152 2332 2333 1153 2334	2331 1152 2332 2333 1153	2331 1152 2332	2331 1152	2331 1152	1101
2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339	2331 1152 2332 2333 1153 2334 2335 2336 2337	2331 1152 2332 2333 1153 2334 2335 2336	2331 1152 2332 2333 1153 2334 2335	2331 1152 2332 2333 1153 2334	2331 1152 2332 2333 1153	2331 1152 2332	2331 1152	2330 1151 2331 1152	2330 1151
2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346	2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346	2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341	2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339	2330 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337	2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2339 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2330 1150 2330 1151 2331 1152 2332 2333 1153 2334	2329 1150 2330 1151 2331 1152 2332 2333 1153	2329 1150 2330 1151 2331 1152 2332	2329 2330 1151 2331 1152	2329 1150 2330 1151	2329 1149 2330 1150 2330 1151
2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335	2329 1149 2330 1150 2331 1152 2332 2333 1153 2334	2329 1149 2330 1151 2331 1152 2332 2333 1153	2329 1149 2330 1151 2331 1152 2332	2329 1150 2330 1151 2331 1152	2329 1149 2330 1150 1151	11/1.0
2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345	2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345	2328 1148 2329 1149 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341	2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339	2328 1148 2329 1149 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337	2328 1148 2329 1149 2330 1150 2331 1152 2332 2333 1153 2334 2335 2336	2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2328 1148 2329 1149 2330 1151 2331 1152 2332 2333 1153 2334	2328 1148 2329 1149 2330 1151 2331 1152 2332 2333 1153	2328 1148 2329 1149 2330 1151 2331 1152 2332	2328 1148 2329 1149 2330 1151 2331 1152	2328 1148 2329 1149 2330 1150 1151	2328 1148
2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2336 2337 2338 2338	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2327 2328 1148 2329 1149 2330 1151 2331 1152 2332 2333 1153 2334 2335	2327 2328 1148 2329 1149 2330 1151 2331 1152 2332 2333 1153 2334	2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2327 2328 1148 2329 1149 2330 1150 2331 1152 2332	2327 2328 1148 2329 1149 2330 1151 2331 1152	2327 2328 1148 2329 1149 2330 1151	2327 2328 1148
2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334	2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2326 2327 2328 1148 2329 1149 2330 1151 2331 1152 2332	2326 2327 2328 1148 2329 1149 2330 1151 2331 1152	2326 2327 2328 1148 2329 1149 2330 1151	2326 2327 2328 1148
2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2342	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2336 2337 2338 2339 2340	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2336 2337 2338 2339	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332 2333 1153 2334 2335	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334	2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2325 2326 2327 2328 1148 2329 1149 2330 1151 2331 1152 2332	2325 2326 2327 2328 1148 2329 1149 2330 1151 2331 1152	2325 2326 2327 2328 1148 2329 1149 2330 1151	2325 2326 2327 2328 1148
2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2340 2341 2342 2343 2344 2345	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341	2324 2325 2326 2327 2328 1149 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2336 2337 2338 2338	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2324 2325 2326 2327 2328 1148 2329 1149 2330 1151 2331 1152	2324 2325 2326 2327 2328 1148 2329 1149 2330 1151	2324 2325 2326 2327 2328 1148
2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2342	2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341	2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2336 2337 2338 2338	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2323 2324 2325 2326 2327 2328 1148 2329 1149 2330 1151 2331 1152	2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2323 2324 2325 2326 2327 2328 1148
2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2342	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2339 2340	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2335 2336 2337 2338 2338 2338	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332 2333 1153 2334 2335 2336	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2335	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2321 2322 2323 2324 2325 2326 2327 2328 1148
2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2340 2341 2342 2343 2344 2345	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341	2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1149 2330 1151	2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2338	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1150 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2342	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2338	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332 2333 1153 2334 2335 2336	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2338	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2340	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2338 2338	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2340	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2338 2338	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2336 2337 2338 2339 2340 2341 2342 2343 2344	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2341	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338 2339 2340 2341	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2340	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2338 2338 2338	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342 2343 2342 2343 2344 2345 2346	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342 2343 2342 2343 2344 2345 2346	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2344 2342 2343 2344 2342	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2336 2337 2338 2339 2340 2341 2342 2343 2344	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2334 2335 2336 2337 2338 2337 2338 2339 2340 2341 2342	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2330	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2338 2338 2338	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2335	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2324	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2341 2342 2343 2344 2345 2345 2346	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2341 2342 2343 2344 2345 2345 2346	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2333 1153 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2344 2345	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2340 2341 2342 2343 2341 2342 2343 2344	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2341 2342	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2338 2339	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2339 2340	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2338 2338 2338	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148
2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2336 2337 2338 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2346 2345 2346	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2336 2337 2338 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2346 2345 2346	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 1153 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2344 2345	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1149 2330 1151 2331 1152 2332 2333 1153 2344 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2341 2342 2343 2344	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2337 2338 2339 2340 2341 2331 2332	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2324 2333 1153 2334 2335 2336 2337 2336 2337 2338 2336 2337 2338 2334 2335 2334 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2337 2338 2339 2340	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2338 2338 2339	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2324 2333 1153 2334 2334 2335 2334 2336 2337	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332 2333 1153 2334 2334	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2330 2331 2331 2331 2331 2331 2331 233	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2330 2331 2331 2331 2331 2331 2331 233	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2334 2339 2330 2331 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2336 2337 2338 2338 2338 2338 2338 2338 2338	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2334 2335 2336 2337 2338 2339 2340 2341 2342	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2334 2335 2336 2337 2338 2339 2340 2341	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2338	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148
2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2344 2335 2336 2337 2338 2334 2334 2335 2334 2334 2335 2334 2334	2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2344 2335 2336 2337 2338 2334 2334 2335 2334 2334 2335 2334 2334	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2344 235 2330 2310 2321 2325 2326 2327 2328 2328 2329 2330 2310 2321 2325 2326 2327 2328 2329 2330 2310 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2315 2331 2332 2333 2344 2335 2336 2337 2338 2338 2339 2330 2331 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2340 2341 2342 2343 2344 2342 2343 2344 2345	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 1153 2336 2337 2338 2339 2341 2332 2333 2344 2335 2336 2337 2338 2339 2341 2332 2333 2344 2335 2336 2337 2338 2339 2341 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2341 2332 2333 2344 2335 2336 2337 2338 2339 2341 2332 2333 2344 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2341 2335 2336 2337 2338 2338 2339 2340 2341 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2340 2341 2342 2343 2341 2342 2343 2344 2342 2343 2344 2342 2343 2344	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2331 2331 2332 2333 2344 2355 2366 2377 2388 2399 2300 2311 2321 2325 2326 2327 2328 2329 2330 2340 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2337 2338 2339 2340 2331	2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2330	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2334 2336 2337 2338 2338 2338 2338 2338 2338 2339	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2331 1151 2331 2332 2333 2334	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332 2333 1153	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2324 2325 2326 2327 2328 1148
2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2338 2338 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2338 2338 2338 2338 2338	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2338 2338 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2338 2338 2338 2338 2338	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2342	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2331 1152 2332 2333 1153 2334 2334 2335 2336	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2331 2331 2331 2331 2331 2322 2333 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2331 2334 2335 2336 2337 2338 2339 2340 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2331 2331 2331 2332 2333 2344 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2331 2331 2331 2331 2331 2322 2333 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2331 2334 2335 2336 2337 2338 2339 2340 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2331 2331 2331 2332 2333 2344 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2345 2346	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2344 2355 2366 2377 2388 2329 1150 1151 2331 1152 2332 2333 2344 2335 2336 2337 2338 2339 2340 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2341 2332 2333 2344 2335 2336 2337 2338 2339 2340 2341 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2349 2340 2341 2342 2333 2344 2345 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2341 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2344 2345	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2341 2339 2340 2341 2339 2340 2341 2339 2340 2341 2338 2344 2335 2336 2337 2338 2344 2335 2336 2337 2338 2344 2335 2336 2337 2338 2344 2335 2336 2337 2338 2349 2330 2341 2331 2332 2333 2344 2335 2336 2337 2338 2349 2340 2341 2335 2336 2337 2338 2344 2335 2336 2337 2338 2349 2340 2341 2335 2336 2337 2338 2344 2335 2334 2334 2335 2334 2335 2336 2337 2338 2349 2330 2341 2331 2332 2333 2344 2335 2336 2337 2338 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2340 2341 2342 2343 2340 2341 2342 2343 2340 2341 2342 2343 2344 2342 2343 2344	2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2335 2336 2337 2336 2337 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2325 2333 1153 2334 2334 2335 2336 2337 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2336 2337 2338 2339 2340	2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339	2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2335 2334 2334 23	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2335 2336	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332 2333 1153 2334 2334	2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2325 2333 1153 2344 2335 2336 2337 2331 1152 2332 2333 2344 2335 2336 2337 2338 1153 2334 2334 2335 2334 2334 2335 2334 2334	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2325 2333 1153 2344 2335 2336 2337 2331 1152 2332 2333 2344 2335 2336 2337 2338 1153 2334 2334 2335 2334 2334 2335 2334 2334	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2332 2333 2324 2333 2324 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2334 2332 2333 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2334 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2339 2339 2339 2339	2305 2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 1153 2337 2338 2339 2330 2331 2331 2331 2331 2331 2331 2331	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2335 2334 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2332 2333 2324 2333 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2330 2331 2331 2331 2331 2331 2331 2331	2305 2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340	2305 2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337	2305 2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332 2333 1153 2334 2335 2336	2305 2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2332 2334 2334 2335	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2331 1152 2332	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2331 1151 2332 2331	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2331 2331 2332 2333 2344 235 236 237 238 239 1150 230 231 232 2333 2344 235 236 237 238 239 230 231 232 233 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2341 2332 2333 2344 2355 2366 2377 2388 2399 2300 2311 2322 2333 2344 2355 2366 2377 2388 2399 2300 2311 2322 2333 2344 2355 2366 2377 2388 2399 2300 2311 2331 2332 2333 2334 2335 2336 2337 2338 2336 2337 2338 2339 2340 2341 2342 2343 2341 2342 2343 2344 2345 2345 2346	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2340 2331 2331 2332 2333 2344 235 236 237 238 239 1150 230 231 232 2333 2344 235 236 237 238 239 230 231 232 233 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2341 2332 2333 2344 2355 2366 2377 2388 2399 2300 2311 2322 2333 2344 2355 2366 2377 2388 2399 2300 2311 2322 2333 2344 2355 2366 2377 2388 2399 2300 2311 2331 2332 2333 2334 2335 2336 2337 2338 2336 2337 2338 2339 2340 2341 2342 2343 2341 2342 2343 2344 2345 2345 2346	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2330 2311 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2331 1151 2332 2333 2344 2335 2336 2337 2338 2339 2330 2331 2332 2333 2344 235 236 237 238 239 230 231 232 2333 2344 235 236 237 238 239 230 231 232 2333 2344 235 2336 237 238 239 239 230 231 232 2331 232 2331 2324 2335 2326 2337 2338 2349 2330 2340 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2340 2341 2342 2343 2344 2342 2343 2344 2345	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 1153 2336 2337 2338 2339 2340 2331 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2331 2331 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2331 2331 2331 2331 2331	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2335 2336 2337 2338 2339 2330 2331 2331 2329 2330 2321 2328 2329 2330 2321 2331 2329 2330 2331 2331 2331 2329 2330 2331 2331 2331 2331 2331 2331 2331 2332 2333 2344 2355 2366 2377 2388 2399 2300 2311 2332 2333 2334 2335 2336 2337 2338 2339 2339 2330 2331 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342	2304 2305 2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2320 2321 2322 2323 2324 2325 2326 2327 2328 1150 2330 1151 2331 1152 2332 2333 2344 235 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2332 2333 2324 2333 2324 2333 2324 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2330 2331 2331 2332 2333 2336 2337 2338 2339 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2339 2339 2339 2339 2339 2339	2304 2305 2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 1153 2334 2335 2334 2335 2336 2337 2338 1153 2337 2338 2339 2340	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2331 1151 2331 2334 2334 2335 2334 2336 2337 2338 2334 2339 2330 2321 2327 2328 1148 2329 1150 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2338 2338 2338 2338 2338 2338 2338 2338 2338 2338 2338 2338 2338 2338 2338 2338 2338	2304 2305 2306 2307 2308 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2332 2333 2334 2334 2335 2334 2334 2335 2336 2337	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 2334 2334 2335 2336	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2331 1151 2332 2333 2334	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2331 1152 2332 2332 2333 1153	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2150 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2331 2331 2322 2323 2324 2325 2326 2327 2328 2329 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2329 2329 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2329 2329 2329 2329 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2328 2328 2329 2321 2322 2323 2324 2325 2326 2327 2328 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2324 2333 2324 2333 2325 2333 2326 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2344 2345 2345 2345	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2328 2328 2329 2321 2322 2323 2324 2325 2326 2327 2328 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2324 2333 2324 2333 2325 2333 2326 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2344 2345 2345 2345	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2333 1153 2334 2334 2335 2336 2337 2338 1153 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2339 2330 2331 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2340 2341 2342 2342 2343 2344 2342 2344 2342 2344 2344 2345 2344 2344	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 2332 2333 2344 235 2333 2324 2325 2328 2327 2328 1149 2330 1151 2331 2332 2333 2344 235 2333 2344 235 2333 2344 235 2336 237 238 1151 2331 2332 2333 2344 2335 2336 2337 2338 2349 2330 2341 2331 2332 2333 2344 235 2336 2337 2338 2349 2330 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2331 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2339 2330 2341 2332 2333 2344 2335 2336 2337 2338 2349 2330 2341 2332 2333 2344 2335 2336 2337 2338 1153 2338 2334 2334 2334 2335 2336 2337 2338 1151 2337 2338 2338 2338 2334 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2338 2339 2339 2340 2341 2342 2342 2343 2344 2342 2343 2344 2342 2343 2344 2342 2344 2342 2343 2344 2344 2342 2343 2344 234	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2329 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2332 2333 2324 2333 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2321 2325 2328 2328 2328 2329 2329 2330 2315 2331 2332 2333 2344 235 236 237 238 239 239 230 231 232 2333 2324 2325 2326 2327 2328 2328 2329 2330 2331 2331 2332 2333 2334 2336 2337 2338 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2336 2337 2338 2339 2330 2331 2332 2333 2336 2337 2338 2339 2339 2339 2339 2339 2339 2339	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2344 2355 2366 2377 2328 1149 2330 1151 2331 1152 2332 2333 234 2334 2335 2334 2335 2334 2335 2336 2337 2338 2339 2340	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2325 2326 2327 2328 1149 2330 1151 2331 1152 2332 2333 2344 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2332 2333 2334 2334 2335 2336 2337	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2334 2334 2335 2334 2334 2336	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2331 1152 2332 2332 2333 1153	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2328 1149 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2324 2325 2328 1153 2336 2337 2338 2334 2339 2340 2331 2332 2333 2344 235 2333 2344 2335 2336 2337 2338 2334 2339 2340 2331 2332 2333 2344 2335 2336 2337 2338 2334 2339 2340 2331 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2338 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2334 2335 2336 2337 2338 2338 2338 2339 2340 2341 2342 2343 2344 2345 2345 2345 2346 2345 2346 2347 2348 2349 2340 2341 2342 2343 2344 2345 2345 2346 2345 2346 2345 2346 2345 2346 2345 2346 2345 2346 2345 2346 2346	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2328 1149 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2324 2325 2328 1153 2336 2337 2338 2334 2339 2340 2331 2332 2333 2344 235 2333 2344 2335 2336 2337 2338 2334 2339 2340 2331 2332 2333 2344 2335 2336 2337 2338 2334 2339 2340 2331 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2338 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2334 2335 2336 2337 2338 2338 2338 2339 2340 2341 2342 2343 2344 2345 2345 2345 2346 2345 2346 2347 2348 2349 2340 2341 2342 2343 2344 2345 2345 2346 2345 2346 2345 2346 2345 2346 2345 2346 2345 2346 2345 2346 2346	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2332 2333 1153 2334 2334 2335 2336 2337 2338 1152 2332 2333 2344 235 2333 2344 235 2336 237 2388 1149 2330 1151 2331 2332 2333 2344 2335 2336 2337 2338 2334 2339 2330 2341 2332 2333 2344 2335 2336 2337 2338 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2340 2341 2342 2342 2343 2344 2342 2344 2342 2344 2344 2344 2344 2345 2344 2344	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 1152 2332 2333 2344 235 2333 1153 2344 235 2336 237 238 1149 230 1151 2331 2332 2333 2344 2335 2336 2347 2338 1153 2336 2337 2338 2334 2339 2330 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2344 2335 2336 2337 2338 1153 2338 2334 2339 2330 2331 2332 2333 2334 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2336 2337 2338 2338 2339 2339 2330 2336 2337 2338 2338 2339 2339 2339 2330 2331 2332 2333 2334 2338 2339 2340 2341 2342 2342 2343 2344 2342 2344 2342 2343 2344 2	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2329 2331 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2332 2333 2324 2333 2325 2333 2326 2337 2338 2339 2330 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2330 2331 2331 2331 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2324 2325 2328 2328 2329 2330 2331 2332 2333 2334 2336 2337 2338 2334 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2339 2339 2339 2339	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2344 2355 2366 2377 2328 1149 2330 1151 2331 1152 2332 2333 1153 2344 2335 2336 2337 2336 2337 2338 2339 2340	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2332 2333 2334 2334 2335 2336 2337	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2334 2334 2335 2334 2334 2336	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2331 1152 2332 2332 2333 1153	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148
2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2328 2328 2329 2321 2322 2323 2324 2325 2326 2327 2328 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2324 2333 2324 2333 2325 2333 2326 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2344 2345 2345 2345	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2328 2328 2329 2321 2322 2323 2324 2325 2326 2327 2328 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2324 2333 2324 2333 2325 2333 2326 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2334 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2336 2337 2338 2338 2339 2340 2341 2342 2343 2344 2345 2344 2345 2345 2345	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2333 1153 2334 2334 2335 2336 2337 2338 1153 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2340 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2339 2330 2331 2331 2332 2333 2344 2335 2336 2337 2338 2339 2330 2331 2331 2332 2333 2334 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2336 2337 2338 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2339 2330 2331 2332 2333 2334 2334 2335 2336 2337 2338 2338 2339 2339 2340 2341 2342 2342 2343 2344 2342 2344 2342 2344 2344 2345 2344 2344	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2323 2324 2325 2326 2327 2328 1148 2329 1150 1151 2331 2332 2333 2344 235 2333 2324 2325 2328 2327 2328 1149 2330 1151 2331 2332 2333 2344 235 2333 2344 235 2333 2344 235 2336 237 238 1151 2331 2332 2333 2344 2335 2336 2337 2338 2349 2330 2341 2331 2332 2333 2344 235 2336 2337 2338 2349 2330 2341 2331 2332 2333 2344 2335 2336 2337 2338 2339 2340 2331 2334 2334 2335 2336 2337 2338 2334 2334 2335 2336 2337 2338 2339 2330 2341 2332 2333 2344 2335 2336 2337 2338 2349 2330 2341 2332 2333 2344 2335 2336 2337 2338 1153 2338 2334 2334 2334 2335 2336 2337 2338 1151 2337 2338 2338 2338 2334 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2339 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2338 2338 2339 2339 2340 2341 2342 2342 2343 2344 2342 2343 2344 2342 2343 2344 2342 2344 2342 2343 2344 2344 2342 2343 2344 234	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 2329 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2332 2333 2324 2333 2334 2335 2336 2337 2338 2334 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2333 1153 2334 2334 2335 2336 2337 2338 2334 2339 2330 2321 2325 2328 2328 2328 2329 2329 2330 2315 2331 2332 2333 2344 235 236 237 238 239 239 230 231 232 2333 2324 2325 2326 2327 2328 2328 2329 2330 2331 2331 2332 2333 2334 2336 2337 2338 2338 2339 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2334 2336 2337 2338 2339 2330 2331 2332 2333 2334 2339 2330 2331 2332 2333 2336 2337 2338 2339 2330 2331 2332 2333 2336 2337 2338 2339 2339 2339 2339 2339 2339 2339	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2344 2355 2366 2377 2328 1149 2330 1151 2331 1152 2332 2333 234 2334 2335 2334 2335 2334 2335 2336 2337 2338 2339 2340	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2344 2325 2326 2327 2328 1149 2330 1151 2331 1152 2332 2333 2344 2335 2336 2337 2338 2334 2339 2330 2331 2331 2331 2331 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 2332 2333 2334 2334 2335 2336 2337	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 2334 2334 2334 2334 2335 2334 2334 2336	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332 2333 1153 2334 2334 2335	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152 2332	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1148 2329 1150 2331 1152 2332 2332 2333 1153	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2324 2325 2326 2327 2328 1149 2330 1151 2331 2332 2331 2331 2331	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151 2331 1152	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148 2329 1150 2330 1151	2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 1148

	Type of information requested by patients from pharmacists	Moderator: what are the most questions that you may ask? MPG-2: the most important matter is to ask him about its side effects MPG-1: Correctly MPG-2: what does the medication do? What is it composed of? Should I continue? Should I continue the dose? May I reduce it? Is it taken when necessary? MPG-7: the important matter that I ask the pharmacist about is: for what problem is this medication taken for? That is in order to know whether the problem is actually a disease or not"
	Information received from pharmacist information compared to information received from physician	"The physician says, 'Because of so and so this is no longer of benefit', and when you go to the pharmacist, he gives another opinion. There is always a struggle inside of us about who to believe." (MPG-1) "This is not the role of the pharmacist. If I take two prescriptions, it is not his role to tell me to take this medication with that medication. It is not the responsibility of the pharmacist, not all pharmacists know drug interactions." (MPG-4) The opposite opinion was also expressed: "Why did they study for five years?" (MPG-5)
Team factors	Communication between pharmacists and physicians	"We also do not know how to communicate with physicians, secondly in order to communicate with him again we have to request his phone number. If I work at a pharmacy, which is far away from the clinic and try calling him my call is divert to an answer machine and they leave on hold the physician does not reply and you start from scratch to call again and stay on hold, you are keen to give the patient the right medication [] I think there is a safety problem with the prescription trying to communicate with him would be impossible." (CPG-1)

PG Professional Group
FPG Female Pharmacy Users Group
CPG Community Pharmacy Group
MPG Male Pharmacy Users Group
I Interview participant