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PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

# J. Camp Cup

time limit per test: 2 seconds<sup>2</sup> memory limit per test: 256 megabytes

This year and for the first time, ACM Assiut has a level 0 camp that gathered all the students from different universities who are interested in programming and want to improve their skills to be able to qualify to level 1.

Hussein, the Co-founder of the ACM Assiut community, decided to give a cup for the Trainee who got the first place in the camp standing. This cup will be given in the last day of the camp.

#	Level 0 Training Camp Our Heros		
#	Name	Total Points	
1	<u>AhmedTom</u>	3800	
2	<u>AhmedEzzatG</u>	3439	
3	Men7a	3087	
4	<u>karemo</u>	2493	
5	<u>Rofidagamal</u>	2178	
6	yomna.abdelbaset	1856	
7	Yasser Gomma	1784	
8	<u>bilalahmed</u>	1695	
9	<u>izanaty</u>	1435	
10	sara_ghazy	1370	
11	Eng-Fathy	1173	
12	<u>xXKiritoXx</u>	1069	
13	rabea111	963	
14	<u>fatmaelrafee</u>	908	
15	<u>refatmahmoud5</u>	867	

In our camp the standing is measured with a very easy way. Each day the trainees enter an onsite contest. The first trainee will get one thousand point, the second will get 90 percent of the first person, the third one will get 90 percent of the second trainee and so on. At the end, The points will be summed up and the winner will be rewarded.

Tomorrow is the last day in the camp and their will be a final contest that will determine the winner of the day. Omar, the chairman and the manger of that day, is very busy these days and has no time to calculate the trainees points.

He is asking you to help him in this problem. Omar will give you the trainees CF-handles rank ordered from the first to the last in each contest. You have to determine the Winner of camp and the final points of each one. For more clarification see the sample below.

# Input

First line contain one numbers N ( 1  $\leq$  N  $\leq$   $10^3$  ) N donates number of camp days.

The N followed lines will contain a number M (  $1 \le M \le 100$  ) Donates number of trainees in that day then M trainee's CF-handles who entered that  $i_{th}$  contest (  $1 \le |S| \le 20$  ) including lowercase letters, numbers and symbols.

# Output

In the first line print the cup winner. If there are multiple winners print the lexicographical smallest.

Then, in each line print each trainee name with points that he got in a descending order. if there are multiple trainees that have the same points print the lexicographical smallest first.

# **Examples**

input	Сору
5	
4 ahmedtom ahmedezzat karemo men7a	
3 yasser_gomma karemo ahmedezzat	
4 ahmedezzat ahmedtom karemo men7a	
2 karemo ahmedezzat	
4 ahmedtom karemo men7a ahmedezzat	
output	Сору
karemo	
karemo 4420	
ahmedezzat 4339	
ahmedtom 2900	
men7a 2268	
yasser_gomma 1000	

input	Сору
2	
3 karemo ahmedezzat ahmedtom	
3 karemo ahmedtom ahmedezzat	
output	Сору
karemo	
karemo 2000	
ahmedezzat 1710	
ahmedtom 1710	

# Note

It's allowed for a trainee to enter only one contest and you will have to estimate his point.

It's guaranteed that there will be no spaces in the CF-handles.

When you calculate the points, you will have to round the number such the  $5_{th}$  place will get 729\*(90/100) = 656.1  $\approx$  656 and the  $7_{th}$  place will get 531\*(90/100) = 477.9  $\approx$  478.

#### ICPC Assiut University Training -Juniors Phase 1 Sheets-2022

#### **Public**

#### **Participant**



# → Group Contests

- Juniors Phase 1 Practice #5 (Bitmask, Bitset, Bits)
- Juniors Phase 1 Practice #4 ( Binary search , Two pointers )
- Juniors Phase 1 Practice #3 (STL 2)
- Juniors Phase 1 Practice #2 (STL 1)
- Juniors Phase 1 Practice #1 ( Prefix sum , Frequency Array )

# Juniors Phase 1 Practice #3 ( STL 2 ) Finished Practice

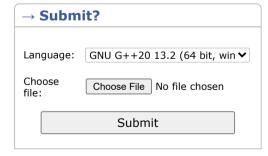
# ightarrow About Time Scaling

This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the link.

# ightarrow Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest



ightarrow Last submissions				
Submission	Time	Verdict		
311945005	Mar/23/2025 05:01	Accepted		
311944015	Mar/23/2025 04:40	Wrong answer on test 4		
311943905	Mar/23/2025 04:38	Wrong answer on test 4		
311943264	Mar/23/2025 04:24	Wrong answer on test 4		