Assignment Case	
COMP6047 Algorithm and Programming	BINUS UNIVERSITY Software Laboratory Center
Computer Science	**<Case Code>**
***Valid on** Compact Semester Year 2019/2020*	**Revision 00**

Soal
Case

Eat eat Meeaaaattttt!!!!

For the thanksgiving, there are eating competition. The winner is for those who eat the most meats. You, as the thanksgiving's operator, are ought to create a simple program which calculate and rank the participant based by highest score.

Format Input

The input starts with an integer C, the number of competitions held. Each competition consists of several lines of inputs. The first line consists of two integers P and M, denoting total participants and total matches in the competition. Following this line is P lines of input. Each line describes one participant, which consists of a string N and space separated integers S, representing the participant name, and list of scores the participant got on each match, respectively. It is guaranteed all participant names are single word.

Format Output

Output every competition starting by a line "Competition #X:", where X represents the competition number. Following this line is the result of the competition, printed with format "R. N" for each participant, where R and N represents the rank and the participant name. Don't forget to print a line break after each competition. In case of two or more participants obtained the same total score, they will be ranked by their names in ascending order.

Constraints

$1 \leq T \leq 10$

$1 \leq P, M \leq 1000$

$1 \leq |N| \leq 100$

$0 \leq S_i \leq 100$

Sample Input	Sample Output
2 4 5 Andi 1 5 2 0 0 Tina 2 4 7 8 4 Dodi 4 7 8 4 2 Rafi 6 4 3 4 6 2 1 Andi 10 Tina 9	Competition #1: 1. Dodi 2. Tina 3. Rafi 4. Andi Competition #2: 1. Andi 2. Tina

Explanation:

The total score for each participant is: Andi (8), Tina (25), Dodi (25), Rafi (23). The rank of each participant in order is Dodi (25), Tina (25), Rafi (23), Andi (8). Both Dodi and Tina obtained a total score of 25, and Dodi received higher rank because his name appears first, lexicographically, compared to Tina's.

Note:

Don't forget to add the newline character after printing the output.