

# Scholarships

At the end of every quarter, CIT gives scholarships to at most 2 students who achieve the highest average scores. CIT assign Phuc to find out these students. Help him to write a program to find the best students based on the scores

## Input

The first line contains an integer  $n$  ( $0 < n \leq 1000$ ).

Each line of the next  $n$  line indicates a student, starts with a name and the number of courses  $m$ , followed by  $m$  integers which are the scores of  $m$  courses.

## Output

Output the name of the selected students. The student with higher score is ranked higher priority. If there are two students have same average score, student should be in the same order as in the input

Tool: <https://drive.google.com/file/d/1FGdXodBFJGvNT-NvUxECgx6rycfT9Jpk/view?usp=sharing>

## Sample

### Input

5

Dai 2 40 80

Huy 5 60 100 80 90 70

Tan 3 60 50 80

Tu 3 90 90 100

Dung 4 100 80 90 70

### Output

Tu

Dung