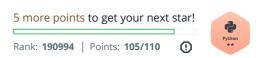






Nested Lists ☆



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Problem Submissions Leaderboard Editorial △ **Tutorial**

Given the names and grades for each student in a Physics class of N students, store them in a nested list and print the name(s) of any student(s) having the second lowest grade.

Note: If there are multiple students with the same grade, order their names alphabetically and print each name on a new line.

Input Format

The first line contains an integer, N, the number of students.

The 2N subsequent lines describe each student over 2 lines; the first line contains a student's name, and the second line contains their grade.

Constraints

- $2 \le N \le 5$
- There will always be one or more students having the second lowest grade.

Output Format

Print the name(s) of any student(s) having the second lowest grade in Physics; if there are multiple students, order their names alphabetically and print each one on a new line.

Sample Input 0

Harry

37.21

Berry

37.21

Tina

37.2 Akriti

41

Harsh

Sample Output 0

Berry

Harry

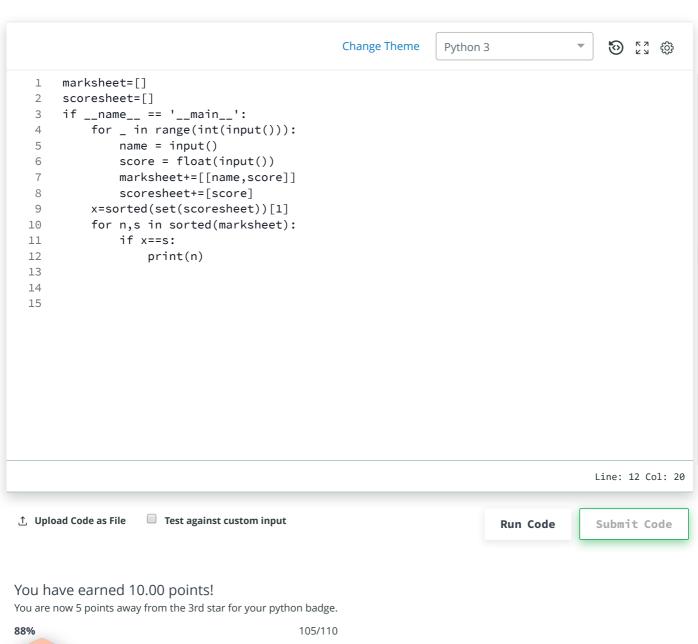


Explanation 0

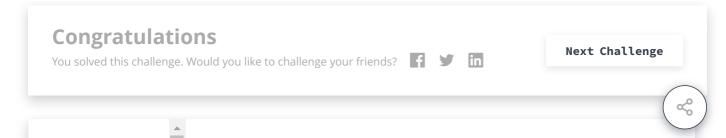
There are $\bf 5$ students in this class whose names and grades are assembled to build the following list:

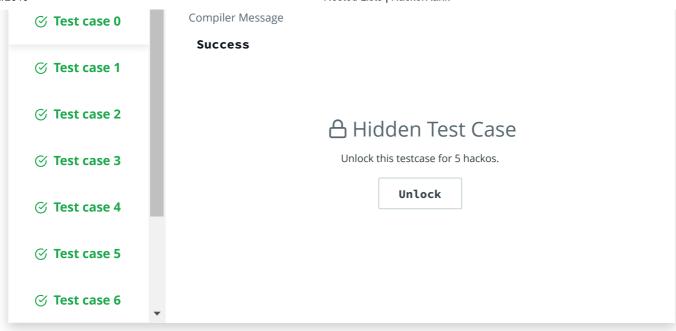
```
python students = [['Harry', 37.21], ['Berry', 37.21], ['Tina', 37.2], ['Akriti', 41], ['Harsh', 39]]
```

The lowest grade of **37.2** belongs to Tina. The second lowest grade of **37.21** belongs to both Harry and Berry, so we order their names alphabetically and print each name on a new line.



88% 105/11





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