
Ranking

X79712_en

Several friends are participating in a javelin competition. Once the competition has finished, write a program that prints the ranking of the participants according to their result.

Input

The input starts with an integer N , the number of participants. On each of the following N lines is the name of a participant (as a single word) and the final score of this participant. If you wish, you may assume that each participant has a unique score.

Output

Print an ordered ranking of the participants on the following format:

K. X: YY.YY

Here, K is the ranking of the participant (in the range 1 to N), X is the name of the participant and YY.YY is their final score.

Hint: Use "std::setprecision" in the <iomanip> library to print a fixed number of decimal places:

```
std::cout << std::setprecision( 2 ) << std::fixed << result;
```

Sample input 1

```
4
John 68.99
Emily 67.12
Richard 59.92
Jennie 60.01
```

Sample output 1

```
1. John: 68.99
2. Emily: 67.12
3. Jennie: 60.01
4. Richard: 59.92
```

Problem information

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