Nested Lists ★

Given the names and grades for each student in a 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 second lowest grade, order their names alphabetically and print each name on a new line.

Example

$records = [[\text{"chi"}, 20.0], [\text{"beta"}, 50.0], [\text{"alpha"}, 50.0]]$

The ordered list of scores is $[20.0, 50.0]$, so the second lowest score is 50.0. There are two students with that score: $[\text{"beta"}, \text{"alpha"}]$. Ordered alphabetically, the names are printed as:

```
alpha
beta
```

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.

- The second line contains their grade.

Constraints

$2 \leq N \leq 5$

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Difficulty Easy

Max Score 10

Submitted By 275679

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```python
scores=[]
results=[]
for i in range(int(input())):
    name = input()
    score = float(input())
    results.append(name)
    scores.append(score)
    results.append(score)
m=999
for t in scores:
    if t<m:
        m=t
c=[]
for j in scores:
    if j!=m:
        c.append(j)
w=999
for k in c:
    if k<w:
        w=k
x=[]
for o in range(len(results)):
    if results[o]==w:
        x.append(results[o-1])
x=sorted(x)
for p in x:
```

Line: 29 Col: 1

```
    name = input()
    score = float(input())
    results.append(name)
    scores.append(score)
    results.append(score)
m=999
for t in scores:
    if t<m:
        m=t
c=[]
for j in scores:
    if j!=m:
        c.append(j)
w=999
for k in c:
    if k<w:
        w=k
x=[]
for o in range(len(results)):
    if results[o]==w:
        x.append(results[o-1])
x=sorted(x)
for p in x:
    print(p)

```

Line: 29 Col: 1

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Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Compiler Message

Success

Input (stdin) Download

```
5
Harry
37.21
Berry
37.21
Tina
37.2
Akriti
41
```