

## Problem

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** = `[["chi", 20.0], ["beta", 50.0], ["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:

`["beta", "alpha"]`. Ordered alphabetically, the names are printed as:

alpha  
beta

## Leaderboard

## 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.

## Discussions

## Constraints

- $2 \leq N \leq 5$
- 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. If there are multiple students, order their names alphabetically and print each one on a new line.

## Editorial

## Sample Input 0

5  
Harry  
37.21  
Berry  
37.21  
Tina  
37.2  
Akriti  
41  
Harsh  
39

## Sample Output 0

Berry  
Harry

## Explanation 0

There are **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]]
```

Change Theme Language Pypy 3

```
1 if __name__ == '__main__':
2     alist = []
3     for _ in range(int(input())):
4         name = input()
5         score = float(input())
6         alist.append([name, score])
7     second_highest = sorted(set([score for name, score in
8                               alist]))[1]
9     print('\n'.join(sorted([name for name, score in alist
10                           if score == second_highest])))
```

Line: 2 Col: 14

Upload Code as File

Run Code

Submit Code

☐ Test against custom input

You have earned 10.00 points!

You are now 10 points away from the 2nd star for your python badge.  
71% 60/70



## Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Compiler Message

Success

Hidden Test Case

Unlock this testcase for 5 hackos.

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