# **Nested Lists**



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.

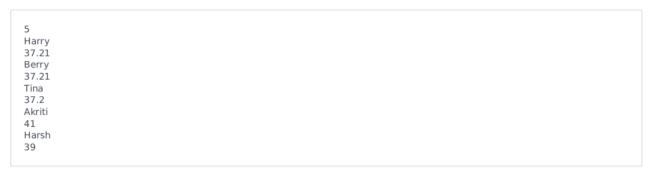
#### **Constraints**

- $2 \le N \le 5$
- 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



## 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]]
```

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.