HOME   TOP   CATALOG   CONTESTS   GYM   PROBLEMSET   GROUPS   RATING   EDU   API   CALENDAR   HELP   ICPC CHALLENGE 🏆

PROBLEMS   SUBMIT CODE   MY SUBMISSIONS   STATUS   STANDINGS   CUSTOM INVOCATION

K. Sorting pairs

time limit per test: 1 second

memory limit per test: 256 megabytes

input: standard input

output: standard output

You have N friends each of them you know his name and salary.

You have to sort them in decreasing order according to their salaries and if two of them have the same salary, you have to sort them according to their names in a lexicographically increasing order.

Input
The first line of input contains integer N ($1 \leq N \leq 10^5$). Then next N lines, the i_{th} line contains string $Name$ ($1 \leq |Name| \leq 10$) the name of the i_{th} firnd,,its guaranted that all N names are distncet, and integer S ($1 \leq S \leq 10^9$) the salary of the i_{th} frind.

Output
Print N lines, the i_{th} contains the name and salary of the i_{th} friend after the sorting.

Example

input	Copy

```
7
Hussien 9000
Hafez 4000
Omar 7000
Atef 10000
Karemo 6000
Ezzat 5000
Muhammad 10000
```

output	Copy

```
Atef 10000
Muhammad 10000
Hussien 9000
Omar 7000
Karemo 6000
Ezzat 5000
Hafez 4000
```

ICPC Assiut University Training - Standard - Juniors Phase 1

Public

Participant

⭐

→ Group Contests ⌄

- Standard #5 (Bits , bit-masking)
- Standard #4 (Binary search , two pointers)
- Standard #3 (set , sorting, compare function , map)
- Standard #2 (binary search , stack , queue, deque , priority queue)
- Standard #1 (Frequency , prefix sum , vector , pair ,struct)

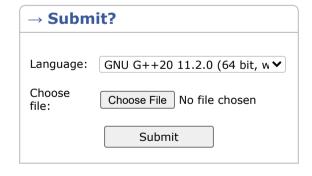### Standard #1 (Frequency , prefix sum , vector , pair ,struct)

Finished

Practice

⭐

→ Virtual participation ⌄

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

[Start virtual contest]

→ Submit?

Language: [GNU G++20 11.2.0 (64 bit, w ⌄]

Choose file: [Choose File] No file chosen

[Submit]

→ Last submissions

Submission	Time	Verdict
226287805	Oct/02/2023 14:54	Accepted
226214615	Oct/01/2023 22:57	Accepted