

Sort It Again

Problem

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Problem Statement

You will be given data for **N** students, where each student will have a name (**nm**), class (**cls**), section (**s**), student ID (**id**), math marks (**math_marks**), and English marks (**eng_marks**).

Your task is to sort the students data according to the **eng_marks** in descending order. If multiple student have the same **eng_marks** then sort them according to the **math_marks** in descending order. If multiple student have the same **math_marks** then sort them according to the **id** in ascending order as the **id** will be unique.

Input Format

- First line will contain **N**.
- Next **N** lines will contain **nm**, **cls**, **s**, **id**, **math_marks** and **eng_marks** respectively.

Constraints

1. $1 \leq N \leq 1000$
2. $1 \leq |nm| \leq 100$ and will contain only English alphabets.
3. $1 \leq cls \leq 10$
4. $'A' \leq s \leq 'Z'$
5. $1 \leq id \leq 10^9$
6. $0 \leq math_marks, eng_marks \leq 100$

Output Format

- Output the data in sorted order as instructed.

Sample Input 0

```

6
akib 2 R 1001 32 53
rakib 1 E 1002 93 97
sakib 8 M 1003 34 88
bokib 3 Q 1004 93 58
jessica 4 F 1005 94 88
noname 8 R 1006 17 61
    
```

Sample Output 0

```

rakib 1 E 1002 93 97
jessica 4 F 1005 94 88
sakib 8 M 1003 34 88
    
```

```
noname 8 R 1006 17 61
bokib 3 Q 1004 93 58
akib 2 R 1001 32 53
```

Sample Input 1

```
6
akib 2 R 1001 32 53
rakib 1 E 1002 94 88
sakib 8 M 1003 34 88
bokib 3 Q 1004 93 58
jessica 4 F 1005 94 88
noname 8 R 1006 17 61
```

Sample Output 1

```
rakib 1 E 1002 94 88
jessica 4 F 1005 94 88
sakib 8 M 1003 34 88
noname 8 R 1006 17 61
bokib 3 Q 1004 93 58
akib 2 R 1001 32 53
```

[f](#) [t](#) [in](#)

Submissions: [383](#)

Max Score: 20

Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

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C++20



```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5
6
7 int main()
8 {
9     // Write your code here
10
11     return 0;
12 }
13
```

Line: 1 Col: 1

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