Sort It Again

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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 accoding 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. $1 <= N <= 1000$

2. $1 <= |nm| <= 100$ and will contain only English alphabets.

3. $1 <= cls <= 10$

4. $'A' <= s <= 'Z'$

5. $1 <= id <= 10^9$

6. $0 <= math\_marks, eng\_marks <= 100$

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
```

Submissions: 465
Max Score: 20
Difficulty: Easy

Rate This Challenge:
☆ ☆ ☆ ☆ ☆

More

C++20

```cpp
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

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code