

☰ Submission Detail

ID	#511262
Problem	Point Sorting (https://ejudge.it.kmitl.ac.th/problem/2964)
Username	it60070183(นายธีรภัทร ไกรศรีสิริกุล) (https://ejudge.it.kmitl.ac.th/account/1506)
Language	Python
Correctness Score	100 Points
Bonus Score	900 Points
Quality	100% How to improve your code
Summary Score	1000 Points
Time	2017-11-02 13:38:39

➡ Details

Case 1 [#3654] :	Passed	0.09730500 sec.
Case 2 [#3655] :	Passed	0.04120100 sec.
Case 3 [#3656] :	Passed	0.04315300 sec.
Case 4 [#3657] :	Passed	0.04926000 sec.
Case 5 [#3658] :	Passed	0.06270700 sec.
Case 6 [#14912] :	Passed	0.04252800 sec.

🖥 Code

pointers=false&textReferences=false&showOnlyOutputs=false&py=3&rawInputLst.JSON=%5B%5D&curlInstr=0)

```
1  """
2  PSIT - Week 11
3  Teerapat Krairisirikul (60070183)
4  """
5
6  def main():
7      """ Main function """
8      groups = int(input())
9      coordinates = [[] for _ in range(groups)]
10
11     for i in range(groups):
12         for _ in range(int(input())):
13             data = input()
14             data += " " + str(sum([int(i) for i in data.split()]))
15             coordinates[i].append(tuple([int(i) for i in data.split()[-1::-1]]))
16             coordinates[i].sort()
17             coordinates[i] = coordinates_sort(coordinates[i])
18             _ = [print(j[2], j[1]) for j in coordinates[i]]
19
20     def coordinates_sort(coordinates):
21         """ Sort the coordinates """
22         coordinates_pre = list()
23         saved = list()
24         point_saved = None
25         for i in coordinates:
26             if i[0] != point_saved:
27                 for j in sorted(saved, reverse=True):
28                     coordinates_pre.append(j)
29                 saved = []
30                 saved.append(i)
31             elif i[0] == point_saved:
32                 saved.append(i)
33             point_saved = i[0]
34
35         for j in sorted(saved, reverse=True):
36             coordinates_pre.append(j)
37         return coordinates_pre
38
39     main()
```