

DWITE '07 R4 #2 - And the winner is...

Time limit: 2.0s **Memory limit:** 64M

DWITE Online Computer Programming Contest, January 2008, Problem 2

This one is quite straightforward. Given a list of scores and names, sort the entries from highest score to lowest, to create the high score table. The only caveat is that this must be an **in-place sort**, meaning that given two entries with the same score, one that appeared earlier in the original unsorted list will always be placed higher than the other entry with the same score.

The input will contain five sets of data, five lines each. Each line will be in the **score name** format. Score is an integer, $0 \leq s \leq 700$. Name is a standard string, possibly including spaces.

The output will contain 25 lines – five sorted sets. Only the name needs to be given per line.

Sample Input

```
517 Byakuei
549 O(256)
571 Clan 345
584 Beat Guru #1
609 while (true)
1 a
700 b
10 d
700 c
10 e
```

Sample Output

```
while (true)
Beat Guru #1
Clan 345
O(256)
Byakuei
b
c
d
e
a
```

