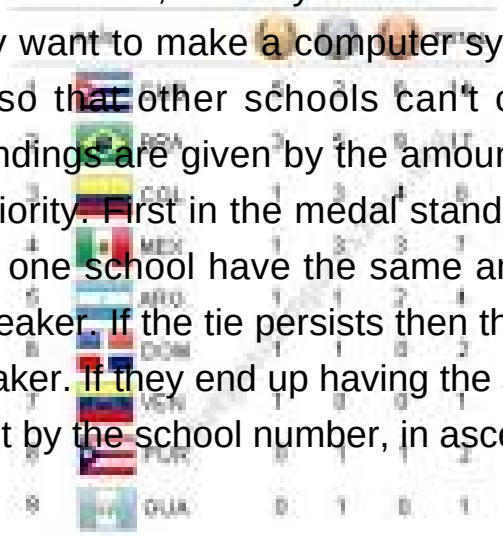
2735 - Coco-Bits and the Medal Standing

Description

The Mella Games have begun, the Coco-Bits are good in volleyball. They are very athletic and this year are sure to win, but they do not trust the other schools, because they are cheaters. So they want to make a computer system to tell them the medal standings of the games so that other schools can't cheat. They know that the positions in the medal standings are given by the amount of gold, silver and bronze medals obtained in that priority. First in the medal standings is to who has the most gold medals. If more than one school have the same amount, the number of silver medals is taken as a tie breaker. If the tie persists then the number of bronze medals is taken as the new tie breaker. If they end up having the same amount of gold , silver and bronze, the place is set by the school number, in ascending order.



The Coco-Bits have asked you to help them to know the final position of the medals given the amount of gold, silver and bronze obtained by each faculty.

Input specification

In the following seven lines, the numbers G, S, B will appear separated by blank spaces. These are the amounts of gold (G), Silver (S) , Bronze (B) medals obtained by the school in line i (1 < = i < = 7).

Output specification

Seven lines, each one beginning with the word "Facultad" followed by its number and the amount of gold, silver and bronze medals obtained. Each separated by a blank space.

Sample input

```
3 10 5
2 10 1
10 9 4
```

```
3 4 2
9 9 4
8 9 6
6 8 4
```

Sample output

```
Facultad 3 10 9 4
Facultad 5 9 9 4
Facultad 6 8 9 6
Facultad 7 6 8 4
Facultad 1 3 10 5
Facultad 4 3 4 2
Facultad 2 2 10 1
```

Hint(s)

Source	Jorge Bárbaro Piñeiro Cruz
Added by	**jbpineiro**
Addition date	2014-03-04
Time limit (ms)	10000
Test limit (ms)	1000
Memory limit (kb)	130000
Output limit (mb)	64
Size limit (bytes)	15000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text