

2811 - Final Round

Description

The school of Anton Café Medio (ACM) has organized a Video Game Tournament for all its careers students. There are eight careers at the school. The first place of each career should pass to the next round and participate in the finals. Some careers only enroll one or none students to participate, if only one student is enrolled then he advance in automatic.

Each career director has a list with the name and score of his career students. The principal requested you a program that gets a list of selected students containing the names of the players of each career followed by his career. In case of draw both students classify to the finals.

Input specification

The Input consists of several lines; the first line contains the number of $T \leq 10$ test cases, followed by lines of the next form:

•Name of the Player – Name of the Career – Number of points

Each of the three elements has a space to separate them. The Players name may be from of several words. The career name is one item and may contain letters, numbers and special symbols, but not spaces. The number of points is an integer number. Each case is divided by one blank line.

Output specification

For each case print a line List N, where N is the number of the case, beginning with 1, followed by the name and career of the best player of each career, in ascending order by player's name. Considering draw games.

Sample input

```
2
Carlos Cauich ISC 8
Moises Sanchez IING 10
Luis Urioste ISC 9
Santiago Chuc INF 10
Manuel Arana MEC 9
Ana Yam MEC 8
Eduardo Perez INF 11

Castro Gómez Máximo Adrián IMEC 12
```

Rejón Huchim Maria Pastora LA-2010 11
Aguilar Simá José Rosario IIN 10
Tun Balan Rosendo Ignacio IBIO 1
Caamal Can José Feliciano IIN 9
Camás Marín Josué Israel IIN 12
Moo Moo Wuili Rangel IBIO 11

Sample output

List 1

Eduardo Perez INF

Luis Urioste ISC

Manuel Arana MEC

Moises Sanchez IING

List 2

Camas Marín Josue Israel IIN

Castro Gomez Máximo Adrian IMEC

Moo Moo Wuili Rangel IBIO

Rejon Huchim Maria Pastora LA-2010

Hint(s)

,

Source	IX Concurso Mexicano ACM-ICPC de Preparación - José Luis Lira Turriza
Added by	ymondelo20
Addition date	2014-04-03
Time limit (ms)	1500
Test limit (ms)	1500
Memory limit (kb)	256000
Output limit (mb)	64
Size limit (bytes)	15000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text