Leaderboard

In this test you will write a java program to create a leaderboard for a multi player online game platform. **Don't panic! Since you don't have the time to create a multi player online game platform you will only write the code for a command line based leaderboard for it.**

Let's first understand the activity on a multi player online game platform. Multi player game platforms have several 100s or 1000s of users called players. Each player plays a game with other players. Games could be board games or card games. For the purposes of this test you can assume that all the games are 2 player games. When 2 players, say p1 and p2, engage in a game there are 3 possible outcomes. p1 wins and p2 loses, p2 wins and p1 loses or the same is a draw. Each game has a value measured in points. Points increase as the levels increase. Winners earn the game points and losers don't get any points. In case of a draw the players share the game points equally. Over time players play several games and they earn points. Leaderboard is the list of all the players sorted by the points they have earned. In case the points tie the player is alphabetically sorted.

The input to your program is given as several lines as shown below. The first part of the input, which begins with /* PLAYERS */ is the list of players. Each line is one player with the name of the player. The second part of the input begins with /* GAMES PLAYED */ is the list of games played. Each game is on one line with the values separated by spaces. First value is game ID followed by player 1, player 2 and the value of the game. Winner of the game is indicated with a '*' at the end of the player name. No '*' for either player would mean the game is a draw.

```
/* PLAYERS */
David
Adam
Eve
Bob
Alice
/* GAMES PLAYED */
G01 David* Adam 10
G02 Eve Adam* 10
G03 Eve Adam 10
G04 David* Bob 20
G05 David* Alice 20
G06 David* Eve 20
G07 Eve Adam* 40
G08 Bob Adam* 40
G09 Alice Adam 40
G10 David Adam* 80
G11 David* Adam 80
G12 David Adam 80
G13 Bob* Adam 160
G14 Bob Adam* 160
G15 Bob* Adam 160
```

The output of your program should be as shown below.

```
Adam - 395
Bob - 320
David - 190
Alice - 20
Eve - 5
```