

Instructions

Read the problem statement and develop a working production-ready, testable & maintainable command line application. The solution must calculate the rankings of a soccer league.

The input and output will be text and the user must be able to have the choice to capture the data using stdin on command line or by providing a filename with the data. The input contains the results of a game per line & assumes that input data is always in the correct format.

The rules of the league are that a win is worth 3 points, a draw 1 point, and a loss 0 pts.

The output must be ordered by ranking (highest to lowest rank) & display both ranking, name & points as in the 'Expected Output'. If two or more teams have the same number of points then they should have the same ranking and be ordered alphabetically.

Implement the solution in a modern language that you feel comfortable with (c#, java, python, ruby, etc) and that suites the task. Persist the results to a db schema in a database of choice - for this assessment don't worry about retrieving the results from the db. The solution should preferably be able to run x-platform and have automated test cases. Upload the solution to git-hub for review.

Input data:

- Spain 3, Portugal 3
- Argentina 1, South Africa 0
- Spain 1, South Africa 1
- Argentina 3, Portugal 1
- Spain 4, India 0

Expected output:

1. Argentina, 6 pts
2. Spain, 5 pts
3. Portugal, 1 pt
4. South Africa, 1 pt
5. India, 0 pts