# Back-end Java Challenge

## First Part

* Write a program to play rounds of Rock, Paper, Scissors (<https://en.wikipedia.org/wiki/Rock-paper-scissors>).
* There will be 2 kinds of players, one should always choose randomly, the other should always choose rock.
* The program will be a web, with a single view containing the next elements:
  + "Play Round" button that will play an automatic round
  + Field showing the number of rounds played by that user so far.
  + Table showing the rounds played, with 3 columns: what 1st player chose, what second chose, and the result of the round (that could be player 1 wins, player 2 wins or draw)
  + There will be a button: "Restart game" that will set round count for that user to 0 and also clean the table.
* Many users accessing the URL in their own browsers should be able to play the game independently, with their own counters and rounds info tables.

## Second part

* Add a second simple view with the next information:
  + Total rounds played
  + Total Wins for first players
  + Total Wins for second players
  + Total draws
* These totals should consider all the rounds of all the games played by all users. (even if we clicked in "Restart button", these games should be considered as well)
* Don't use database, just keep the information you need in memory.

## Technical requirements

* JVM 8 or higher
* The code should have high test coverage.
* The use of maven, git, java8, etc will be evaluable.
* Keep it simple - remember: we're not looking for the perfect "correct" solution, but a basis for discussion and development.
* Approach: ideally "test-driven"

Please use local git (initially a “git init” in the project directory), so that we see a little of your working methods. Archive task and send it to us using e-mail or feel free to use any public git repositories.

We looking forward to seeing your solution!