

Simple PHP Test

Make a game for 2 CPU players:

Rules:

- A player rolls a dice (1 to 6), the player can roll as many times as he wants.
- Each roll adds to the round result.
- If the round result is greater than 10 the player gets 0 points and stops rolling.
- If the round result is less than or equal to 10 the player receives those points.
- When the player stops rolling next player plays

Examples:

rolls: 3, 5, 1 = 9 -> player 1 gets 9 points

rolls: 4, 4, 1, 5 = 14 -> player 2 gets 0 points

implement 2 player strategies:

- 1) Player 1: throw 3 times max
- 2) Player 2: stop if round result is greater than 5

run 100 rounds and show results.

Output example:

John: 300 points

Hal: 329 points

Requisites

- PHP 8
- implement a PHP console application without using any framework.
- bonus: use a docker image to run on it.
- bonus: use a uuid using **ramsey/uuid** instead of using a player name.
- bonus: take into account the possibility of different dice types?
- bonus: take into account the possibility of using a different set of rules?
- bonus: what if there are more than 2 players?

Delivery

The application can be delivered electronically through any convenient medium. A possibility would be a ZIP file with a readme to indicate any installation or execution instructions.