WORLD MISSION HIGH SCHOOL

Software Development | Networking and Internet Technology | Multimedia Production | Accounting

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Level 5 Software Development

Web Application Development

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Learning materials

1. **Basics on functions in php (**link**)**
2. **Basics on loops in php (**Link**)**
3. **Basic on HTML form(**Link**)**

Questions

Project: Rock Paper Scissors

1. Create a blank HTML document with a php tag. This game is going to be played completely from the user form, so don't worry about putting anything else in there.

2. Your game is going to play against the computer, so begin with a function called `getComputerChoice` that will randomly return either 'Rock', 'Paper' or 'Scissors'(HINT: use rand() function to set computer choice). We'll use this function in the game to make the computer's play.

3. Write a function that plays a single round of Rock Paper Scissors. The function should take two parameters - the `playerSelection` and `computerSelection` - and then return a string that declares the winner of the round like so: `"You Lose! Paper beats Rock"`

• Make your function's playerSelection parameter case-insensitive (so users can input `rock`, `ROCK`, `RocK` or any other variation).

4. Write a NEW function called game(). Use the previous function *inside* of this one to play a 5 round game that keeps score and reports a winner or loser at the end.

Use this link to submit your work:
Level 5 Software Development Web Application (google.com)