Advanced Scripting   
Rocks, Paper, Scissors

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Document Prepared for: CIT361 Student

# Overview

For this lab you will create a script to play the game rock, paper, scissors. The user will play against the computer to play a best of three game set.

# Game play/requirements are as follows:

1. A match consists of as many games as the user would like to play
2. A game consists of the best of three rounds of rock, paper, scissors.
3. Each round will flow as follows:
   1. For each round, the script will pick a random item from rock, paper, and scissors, keeping it secret.
   2. The user will then be prompted to select rock, paper, or scissors. Allow the user to enter **“r”** for rock, **“p”** for paper, and **“s”** for scissors.
   3. Scoring is as follows. Rock beats scissors, paper beats rock, and scissors beats paper. If both choose the same item, the game is a tie, and the round is over.
   4. Rounds continue until either the computer or player wins 2 rounds.
4. Keep track of games won for the computer and player.
5. When a round is over, ask the user if they would like to play again. If so, play another game.
6. When the player is done, declare a winner. The winner is the one who won the most games. If they both win the same number of games the match is declared a tie.
7. Make it look nice. Be descriptive for the user.

# Requirements:

* Create a script named rps.ps1
* Include the following author comment block (fill in your name date etc.). This acts as your signature that you are the author of this work.

# <# Program Name : <program> Date: <datecreated> Author: <yourname> Corse: CIT361 I, <yourname>, affirm that I wrote this script as original work completed by me. #>

# Hints:

* Read-Host
* Write-Host
* 'rock','paper','scissors'|get-random

# Deliverable:

Upload your script to I-Learn

# Grading Rubric:

|  |  |
| --- | --- |
| Element | Points |
| Comment block (worth 0 if present -20 if missing) | 1 or -20 |
| Game play | 10 |
| Round tracking | 3 |
| Play again | 3 |
| Match point total and declaration of winner | 3 |