Mr. Giansante

C++ Programming
Rock Paper Scissors

August 2018

Rock Paper Scissors

Create a C++ program that simulates a Rock Paper Scissors game between the player and the computer.

The User Interface should look as follows:

```
[R] Rock
[P] Paper
[S] Scissors
[Q] Quit

Make your choice: _
```

After the user selects, use a Random number to select for the computer.

The user should them be told so ...

Example 1.

```
You chose Rock.
The computer choose Paper.
Paper beats Rock.
So you lost.
```

Example 2.

```
You chose Scissors.
The computer choose Paper.
Scissors beats Paper.
So you win.
```

Example 3.

```
You chose Scissors.
The computer choose Scissors.
It's a tie.
```
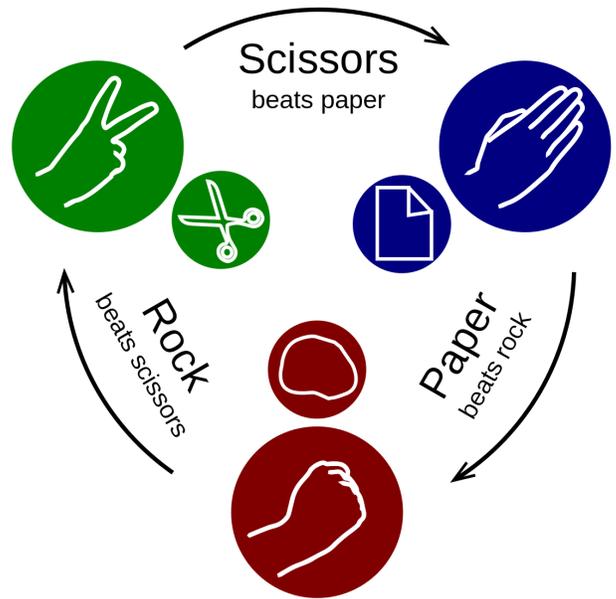
You will need to use many "If" statements.

Keep track of how many times the player wins and how many times the computer wins, and display the totals after each turn.

Start Screen

You can use the website below to generate large ASCII text for your start screen:

```
http://patorjk.com/software/taag/
```

When using this website note that you will need to replace the "\" characters with "\\".

Rock Paper Scissors

Ontario

Please fill out all the information in this column using a pen before getting this assignment marked.

_____
Name

_____   _____
Date   Class

Academic Honesty

The work I am submitting is completely my own creation and has not been copied from anyone else's work. If I have received help on this project, the names of those who have assisted are listed below.

_____
Signature
_____
_____

Pre-Marking

The following people have pre-marked this assignment: (minimum of two)

_____
_____

User Interface

❑ Appropriate Title, Author Information, etc.
❑ Efficient and Esthetically-Pleasing User Interface
❑ Spelling and Grammar are correct

Code / Programming Style

❑ Variables are declared and logically named
❑ Code is commented where appropriate
❑ Code is indented and spaced to show stucture
❑ Code is efficient

Work Ethic / Problem Solving Skills

❑ Problem Solving Skills are demonstrated
❑ Makes Productive Use of Time
❑ Only Seeks Help when Necessary

Program-Specific Criteria

❑ User is asked to select Rock, Paper, Scissor, Exit
❑ Computer's choice is displayed
❑ Result is displayed: You Lose, You Win, Tie
❑ Game repeats until Exit is selected
❑ Score is kept and displayed throughout

Teacher Comments

_____
_____
_____
_____
_____
_____

Level 1 - Limited ability to meet standard and limited effectiveness
Level 2 - Some ability demonstrated and moderately effective
Level 3 - Considerable ability demonstrated, considerable clarity or accuracy
Level 4 - Thorough, high degree of skill demonstrated, insightful, highly accurate

Level