CECS 174 Project 1
RPS (Rock-Paper-Scissors) Game

Points worth: 5% of your total score
Individual project: Work in solo
What to submit: Your source file - "project1_rsp_lastname.py"
How to submit: Use Beachboard's Dropbox folder "Project 1"
Due date/time: By 12:30PM on Feb 28, 2019 **(No late submission!)**

This project asks you to practice
- creating a new python file using Pycharm
- doing text-based input and output
- building your own algorithm using branching and loop

Your program should operate as follows
- It must let the user choose from among three options of rock, paper, and scissors
- It shall play an honest game of RPS
- Display the choice the user made
- If the user input is not one of the allowed, then ask for the user to re-enter (input validation!!)
- Print out its choice of R/P/S
- Display who won the round, or tie
- Offer an option to continue until user wants to quit the game.
- Your program must be well commented

Instruction

1. Run PyCharm.
2. Create a new project in PyCharm. - (make sure you have Python 3.4 or newer as the interpreter of your project.)
3. Create a new Python file named **project1_rps_lastname.py**
4. Make sure your program works with all the outcomes (loose, win, or tie!)
5. Locate the file, project1_rps_lastname.py, under the project folder on your computer.
6. Upload your complete, working project1_rps_lastname.py file to Beachboard's Dropbox folder "Project 1" before the due date!

Use the following code section to start the program.
The variable 'comp' will be assigned a random choice of either 'rock', 'paper' or 'scissors' – this represents the choice made by the computer.

```
# project1_rps_lastname.py
#
# Name(s):
#
# Date:
#
#

import random   #you must have random module for computer choice.
```

NOTE:

- Your submission should be free from errors, and should run in Python version 3.x.x.
- Your program must be well commented.
- If your code does not run or terminates with errors, you will NOT receive any points.