Rock, Paper, Scissors

In this exercise, you are going to practice using conditionals (if, elif, else). You will write a small program that will determine the result of a rock, paper, scissors game, given Player 1 and Player 2's choices. Your program will print out the result. Here are the rules of the game:
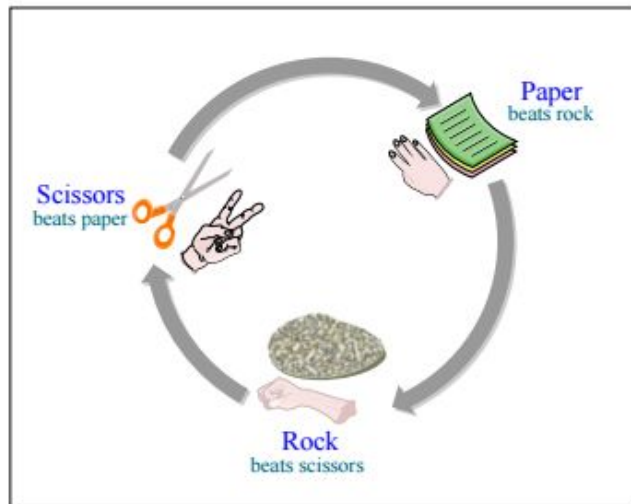

Image by MIT Open Courseware

First create a truth table for all the possible choices for player 1 and 2, and the outcome of the game. This will help you figure out how to code the game!

Player 1	Player 2		Result
Rock	Rock		Tie
Rock	Scissors		Player 1

The python script rps.py in the assignment repository is a recipe that will assist you in building a Rock, Paper, Scissors program. This is an example of what the output might look like.:

```
Player 1? rock
Player 2? scissors
Player 1 wins.
```

The only valid inputs are rock, paper, and scissors. If the user enters anything else, your program should output "`This is not a valid object selection. `" Use the truth table you created to help with creating the conditions for your if statement(s).

Note If you have a long condition in your if statement, and you want to split it into multiple lines, you can either enclose the entire expression in parenthesis, e.g.

```
if (player1 == 'rock' and
    player2 == 'scissors'):
    print 'Player 1 wins.'
```

Or, you can use the backslash symbol to indicate to Python that the next line is still part of the previous line of code, e.g.

```
if player1 == 'rock' and\
    player2 == 'scissors':
    print 'Player 1 wins.'
```

Use whichever form you feel comfortable using.