

*Tags: 7. Conditionals 1, 8. Conditionals 2

Truthy/Falsey Testing

Logical *#Operator* Precedence

Order first to last: NOT >> AND >> OR, can change order with parenthesis

Rock Paper Scissors Exercise

```
from random import randint

rock = ""

    _ _ _ _ _
_ _ _ _ _ )
    ( _ _ _ _ _
    ( _ _ _ _ _
```

```

        (____)
---.__(____)"""

paper = """
        _____
---'      _____)_____
                _____)
                _____)
                _____)
---._____)_____
"""

scissors = """
        _____
---'      _____)_____
                _____)
                _____)
                _____)
        (____)
---.__(____)
"""

# Pick a random number from 1 to 3
num = randint(1,3)

# Turn that random number into the computer's RPS move
if num == 1:
    comp_move = "rock"
elif num == 2:
    comp_move = "paper"
elif num == 3:
    comp_move = "scissors"

# Ask a user to enter their move
player_move = input("enter your move (rock, paper, or scissors): ").lower()

# Print the rock, paper, or scissors ASCII art that corresponds to the
player's move
print("YOUR MOVE: ")
if player_move == "rock":
    print(rock)
elif player_move == "paper":
    print(paper)
elif player_move == "scissors":
    print(scissors)

# Print the rock, paper, or scissors ASCII art that corresponds to the
computer's move
print("COMPUTER MOVE: ")
if comp_move == "rock":

```

```
    print(rock)
elif comp_move == "paper":
    print(paper)
elif comp_move == "scissors":
    print(scissors)

# Figure out who wins and print the result!
if comp_move == player_move:
    print("IT'S A TIE!")
elif player_move == "rock" and comp_move == "scissors":
    print("YOU WIN!!!")
elif player_move == "paper" and comp_move == "rock":
    print("YOU WIN!!!")
elif player_move == "scissors" and comp_move == "paper":
    print("YOU WIN!!!")
else:
    print("YOU LOSE!!!")
```