```python
''' Rock, Paper and Scissor Game (Python)
        Chaitanya Mangla '''

''' Rules of the game:
    1. Rock breaks scissor (rock > scissor)
    2. Scissor cuts paper (scissor > paper)
    3. Paper folds rock  (paper > rock)
    '''


'''1 for rock
  -1 for paper
   0 for scissor
   '''
import random # Import random library to allow computer operating system for making choices

computer =  random.choice([-1,0,1])
youstr = input ("Enter your choice ")
youDict = {"r": 1, "p" : -1, "s" : 0}
reverseDict = {1: "Rock", -1: "Paper" , 0: "Scissor"}
you = youDict[youstr]

# Here, we have 2 number variables, you and computer

print(f"You chose {reverseDict[you]}\nComputer chose {reverseDict[computer]}")

if (computer == you):
    print("Its a tie")

else:  # This is a perfect example of nested if else statement
    if(computer == -1 and you == 0):
        print("You Win\nCongratulations!!")

    elif(computer == -1 and you == 1):
        print("You Lose\nBetter Luck next time!!")
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if (computer == you):
    print("Its a tie")

else:  # This is a perfect example of nested if else statement
    if(computer == -1 and you == 0):
        print("You Win\nCongratulations!!")

    elif(computer == -1 and you == 1):
        print("You Lose\nBetter Luck next time!!")

    elif(computer == 1 and you == -1):
        print("You Win\nCongratulations!!")

    elif(computer == 1 and you == 0):
        print("You Lose\nBetter Luck next time!!")

    elif(computer == 0 and you == 1):
        print("You Win\nCongratulations!!")

    elif(computer == 0 and you == -1):
        print("You Lose\nBetter Luck next time!!")

    else:
        print("Something went wrong")
```

```
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Rock,PaperandScissorGame.py"
Enter your choice s
You chose Scissor
Its a tie
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Rock,PaperandScissorGame.py"
Enter your choice r
You chose Rock
Computer chose Rock
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Rock,PaperandScissorGame.py"
Enter your choice p
You chose Paper
Computer chose Paper
Its a tie
Enter your choice s
You chose Scissor
Computer chose Rock
You Lose
Better Luck next time!!
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Rock,PaperandScissorGame.py"
Enter your choice p
You chose Paper
Computer chose Scissor
You Lose
Better Luck next time!!
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Rock,PaperandScissorGame.py"
Enter your choice r
You chose Rock
Computer chose Scissor
You Win
Congratulations!!
PS D:\Coding\Python Practice>
```