

Rock-Paper-Scissor Game by Sanjay Panchal

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In [1]: import numpy as np

def human_input():
    n = input("Enter Your Input ----> ").upper()
    if n=="ROCK" or n=="PAPER" or n=="SCISSOR":
        return n
    else:
        print("-"*24)
        print("\n\n")
        print("Your Input is Wrong.\nTry Again !!!")
        print("-"*24)

        call = input("Do you want to play again (YES/NO) : ").upper()
        if call=="YES":
            match()
        elif call=="NO":
            print("-"*23)
            print("Thanks for playing !!!")
            print("-"*23)
        else:
            print("-"*23)
            print("Your input is wrong !!!\nPlease Try Again!")
            print("-"*23)

def computer_input():
    l = ["ROCK", "PAPER", "SCISSOR"]
    n = np.random.choice(l)
    return n

def match():
    human = human_input()
    computer = computer_input()
    print("-"*30)
    print("Your Input Is : ",human)
    print("Computer Input Is : ",computer)

    if human==computer:
        print("-"*20)
        print("Its a Tie !!!")
        print("-"*20)
        print("\n")
        call = input("\nDo you want to play again (YES/NO) : ").upper()
        if call=="YES":
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    match()
elif call=="NO":
    print("-"*23)
    print("Thanks for playing !!!")
    print("-"*23)
else:
    print("-"*23)
    print("Your input is wrong !!!\nPlease Try Again!")
    print("-"*23)
elif human=="ROCK" and computer=="PAPER" or human=="PAPER" and computer=="SCISSOR" or human=="Scissor" and "ROCK":
    print("\n")
    print("-"*20)
    print("Winner is Computer.")
    print("-"*20)
    print("\n")
    call = input("\nDo you want to play again (YES/NO) : ").upper()
    if call=="YES":
        match()
    elif call=="NO":
        print("-"*23)
        print("Thanks for playing !!!")
        print("-"*23)
    else:
        print("-"*23)
        print("Your input is wrong !!!\nPlease Try Again!")
        print("-"*23)
elif human=="PAPER" and computer=="ROCK" or human=="SCISSOR" and computer=="PAPER" or human=="ROCK" and computer=="SCISSOR":
    print("\n")
    print("-"*20)
    print("You are Winner !!!")
    print("-"*20)
    print("\n")
    call = input("\nDo you want to play again (YES/NO) : ").upper()
    if call=="YES":
        match()
    elif call=="NO":
        print("-"*23)
        print("Thanks for playing !!!")
        print("-"*23)
    else:
        print("-"*23)
        print("Your input is wrong !!!\nPlease Try Again!")
        print("-"*23)
else:
    print("-"*23)
    print("Thanks for playing !!!")
    print("-"*23)

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match()

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Enter Your Input ----> rock
*****
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Your Input Is :  ROCK
Computer Input Is :  PAPER
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Winner is Computer.
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Do you want to play again (YES/NO) :  no
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Thanks for playing !!!
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