

MINI PROJECT

<Game of stone paper and scissor>

BY THE
CODERS_KOC34_CIPHERSCHOOLS

-Submitted By

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About project/objective of project- It is a python mini project to Create a game of stone paper and scissor

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import random

comp_wins = 0
player_wins = 0
def Choose_Option():
    user_choice = input("Choose Rock, Paper or Scissors: ")
    if user_choice in ["Rock", "rock", "r", "R"]:
        user_choice = "r"
    elif user_choice in ["Paper", "paper", "p", "P"]:
        user_choice = "p"
    elif user_choice in ["Scissors", "scissors", "s", "S"]:
        user_choice = "s"
    else:
        print("I don't understand, try again.")
        Choose_option()
    return user_choice

def Computer_option():
    comp_choice = random.randint(1,3)
    if comp_choice == 1:
        comp_choice = "r"
    elif comp_choice == 2:
        comp_choice = "p"
    else:
        comp_choice = "s"
    return comp_choice

while True:
    print("")
    user_choice = Choose_Option()
    comp_choice = Computer_option()
    print("")

    if user_choice == "r":
        if comp_choice == "r":
            print("You chose rock. The computer chose rock. You tied.")
        elif comp_choice == "p":
            print("You Chose rock. The computer chose paper. You lose.")
            comp_wins += 1

        elif comp_choice == "s":
            print("You chose rock. The computer chose rock. You win.")
            player_wins += 1

    elif user_choice == "p":

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        if comp_choice == "r":
            print("You chose paper. The computer chose rock. You win.")
            player_wins += 1

        elif comp_choice == "p":
            print("You chose paper . The computer chose paper. You tied.")

        elif comp_choice == "s":
            print("You chose paper . The computer chose scissors. You
lose.")
            comp_wins += 1

    elif user_choice == "s":
        if comp_choice == "r":
            print("You chose scissors. The computer chose rock. You
lose.")
            comp_wins += 1

        if comp_choice == "r":
            print("You chose scissors. The computer chose rock. You lose.")
            comp_wins += 1

        elif comp_choice == "p":
            print("You chose scissors. The computer chose paper. You win.")
            player_wins += 1

        elif comp_choice == "s":
            print("You chose scissors. The computer chose scissors. You
tied.")

    print("")
    print("Player wins: " + str(player_wins))
    print("Computer wins: " + str(comp_wins))
    print("")

    user_choice = input("Do you want to play again? (y/n)")
    if user_choice in ["Y", "y", "yes", "Yes"]:
        pass
    elif user_choice in ["N", "n", "no", "No"]:
        break
    else:
        break

```