**PYTHON PROJECT**

**Rock, Paper and Scissor game**

*by*

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**ASSIGNED PROJECT NO: 02**

**import random**

**a='Rock'**

**b='Paper'**

**c='Scissor'**

**print('Rock is mighter than Scissor\n Paper is mighter than Rock\nScissor is mighter than paper\n')**

**print(" LET'S PLAY MY DEAR FRIEND ")**

**play=True**

**while play==True:**

**co\_choice=random.randint(1,3)**

**print('Choose one from the following:\n 1 - Rock\n 2 - Paper\n 3 - Scissor')**

**choice=int(input('Enter Your Choice: '))**

**while choice>3 or choice<1:**

**choice=int(input('Enter Valid Number: '))**

**if choice==co\_choice:**

**print("your choice was same as Computer's choice")**

**print('Draw')**

**elif co\_choice==1:**

**if choice==2:**

**print('your choice was:',b,"\nComputer's choice is:",a)**

**print('Congratulations you won')**

**else:**

**print('your choice was:',c,"\nComputer's choice is:",a)**

**print('Oops! Computer won,Better luck next time')**

**elif co\_choice==2:**

**if choice==3:**

**print('your choice was:',c,"\nComputer's choice is:",b)**

**print('Congratulations you won')**

**else:**

**print('your choice was:',a,"\nComputer's choice is:",b)**

**print('Oops! Computer won,Better luck next time')**

**elif co\_choice==3:**

**if choice==1:**

**print('your choice was:',a,"\nComputer's choice is:",c)**

**print('Congratulations you won')**

**else:**

**print('your choice was:',b,"\nComputer's choice is:",c)**

**print('Oops! Computer won,Better luck next time')**

**p=input('Do you want to play again (Yes/No): ')**

**if p=='y' or p=='yes' or p=='Y':**

**print("We hope you really enjoyed the game")**

**play=True**

**else:**

**print('Thanks for playing. It was great playing with you')**

**play=False**