



LOVELY
PROFESSIONAL
UNIVERSITY

END TERM PROJECT OF INT-108

BY

NAME OF CANDIDATES

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SECTION - KOC13

SUBMITTED TO – MISS SAKSHI

IN THIS PROJECT WE HAVE MADE A GAME OF 'ROCK , PAPER AND SCISSOR . IN THIS GAME , FIRST USER HAS TO ENTER NUMBER OF ROUNDS FOR HOW MANY HE WANT TO PLAY , THEN HE HAS TO ENTER HIS CHOICE IN CAPITAL LETTERS . AT THE END OF THE ROUNDS , THE COMPUTER WILL AUTOMATICALLY PRINT THE SCORE AND TELL YOU IF YOU WON OR NOT ACCORDINGLY TO YOUR SCORE .

PYTHON CODE

```
import random

numberofrounds=int(input("NUMBER OF
ROUNDS "))

yourscore=0

compscore=0

c=0

while c<numberofrounds:

    computerchoice=random.randint(1,3)

    if computerchoice==1:

        comp="ROCK"

    elif computerchoice==2:

        comp="PAPER"

    else:
```

```
comp="SCISSOR"
```

```
you=input("ENTER YOUR CHOICE :- ROCK ,  
PAPER OR SCISSOR ; 'CHOICES ARE CASE  
SENSITIVE , USE CAPITAL LETTERS ONLY' ")
```

```
if comp==you:
```

```
    print('TIE')
```

```
    c+=1
```

```
elif comp=='ROCK':
```

```
    if you=='PAPER':
```

```
        print('YOU WIN')
```

```
        yourscore+=1
```

```
        c+=1
```

```
elif you=='SCISSOR':
```

```
    print('YOU LOSE')
```

```
    compscore+=1
```

```
    c+=1
```

```
else:
```

```
    print("INVALID CHOICE , PLEASE CHECK  
YOUR CHOICE AND MAKE SURE YOU HAVE  
WRITTEN IT IN CAPITAL LETTERS")
```

```
elif comp=='PAPER':  
    if you=='ROCK':  
        print('YOU LOSE')  
        compscore+=1  
        c+=1  
    elif you=='SCISSOR':  
        print('YOU WIN')  
        yourscore+=1  
        c+=1  
    else:  
        print("INVALID CHOICE , PLEASE CHECK  
YOUR CHOICE AND MAKE SURE YOU HAVE  
WRITTEN IT IN CAPITAL LETTERS")  
  
elif comp=='SCISSOR':  
    if you=='PAPER':  
        print('YOU LOSE')  
        compscore+=1  
        c+=1  
    elif you=='ROCK':
```

print('YOU WIN')

yourscore+=1

c+=1

else:

**print("INVALID CHOICE , PLEASE CHECK
YOUR CHOICE AND MAKE SURE YOU HAVE
WRITTEN IT IN CAPITAL LETTERS")**

if yourscore==compscore:

print("YOUR SCORE =",yourscore)

print("COMPUTER SCORE =",compscore)

print(" RESULT :- TIE")

elif yourscore<compscore:

print("YOUR SCORE =",yourscore)

print("COMPUTER SCORE =",compscore)

print(" RESULT :- YOU LOSE")

else:

print("YOUR SCORE =",yourscore)

print("COMPUTER SCORE =",compscore)

print(" RESULT :- YOU WIN")

```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\DELL\PYTHONMINIPROJECT2.py =====
NUMBER OF ROUNDS 3
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' ROCK
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' PAPER
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' SCISSOR
YOU WIN
YOUR SCORE = 1
COMPUTER SCORE = 2
RESULT :- YOU LOSE
>>>
===== RESTART: C:\Users\DELL\PYTHONMINIPROJECT2.py =====
NUMBER OF ROUNDS 5
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' ROCK
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' ROCK
YOU WIN
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' PAPER
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' SCISSOR
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' ROCK
YOU LOSE
YOUR SCORE = 1
COMPUTER SCORE = 4
RESULT :- YOU LOSE
>>>
===== RESTART: C:\Users\DELL\PYTHONMINIPROJECT2.py =====
NUMBER OF ROUNDS 2
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' PAPER
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' SCISSOR
YOU WIN
YOUR SCORE = 1
COMPUTER SCORE = 1
RESULT :- TIE
>>>|
```



Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
===== RESTART: C:\Users\DELL\PYTHONMINIPROJECT2.py =====
NUMBER OF ROUNDS 10
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' ROCK
YOU WIN
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' ROCK
TIE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' PAPER
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' SCISSOR
YOU WIN
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' SCISSOR
TIE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' SCISSOR
YOU WIN
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' PAPER
YOU WIN
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' PAPER
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' ROCK
YOU LOSE
ENTER YOUR CHOICE :- ROCK , PAPER OR SCISSOR ; 'CHOICES ARE CASE SENSITIVE , USE CAPITAL LETTERS ONLY' ROCK
TIE
YOUR SCORE = 4
COMPUTER SCORE = 3
RESULT :- YOU WIN
>>>
```

Ln: 29 Col: 0

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