OUTPUTS :

```
In [1]:   1  import random
          2  import string
```

```
In [2]:   1  def roll():
          2      roll_dice=random.randint(1,6)
          3      return roll_dice
          4  print(roll())
          5  print(roll())
          6  print(roll())
          7  print(roll())
          8
```

```
1
1
6
4
```

```
In [3]:   1  def main():
          2      P1=0
          3      P1score=0
          4      P2=0
          5      P2score=0
          6      rds=1 #number of rounds
          7
          8      while rds!=4:
          9          print("Round_"+str(rds))
         10          P1=roll()
         11          P2=roll()
         12          print("Player1's roll:"+str(P1))
         13          print("Player2's roll:"+str(P2))
         14
```

```
         34
         35  def roll():
         36      roll_dice=random.randint(1,6)
         37      return roll_dice
         38  main()
```

```
Round_1
Player1's roll:5
Player2's roll:6
Player2 wins

Round_2
Player1's roll:2
Player2's roll:3
Player2 wins

Round_3
Player1's roll:5
Player2's roll:2
Player1 wins


Player 2 wins
score of player 2 is:2
```

```
In [*]:   1  ch ="z"
          2  while ch !="c" and ch !="b":
          3      print("""
          4  ***************************************************************************************************
          5  Choose what you would like to see from the following menu(press c to exit):
          6  ***************************************************************************************************
          7  a: Read the instructions for playing the game of ROLLING THE DICE.
          8  b: Play a game of Rolling the Dice
          9  c: Exit the session
         10  """)
```

```
113        print("\t****************************************************")
114     else:
115        print()
116        print("\t****************************************************")
117        print("\n\tThe total number of games players played is:0")
118        print("\n\tThe number of games won is:0")
119        print("\n\tThe number of games lost is:0")
120        print("\n\tThe percentage of games won is:0")
121        print()
122        print("\t****************************************************")
123
124
```

```
****************************************************************************************
Choose what you would like to see from the following menu(press c to exit):
****************************************************************************************
a: Read the instructions for playing the game of ROLLING THE DICE.
b: Play a game of Rolling the Dice
c: Exit the session

        Type in your choice (a,b or c): a


\WOULD YOU LIKE TO PLAY ROLLING DICE GAME? (y/n): [                    ]
```

In [ ]: 1

```
121        print()
122        print("\t****************************************************")
123
124
```

```
****************************************************************************************
Choose what you would like to see from the following menu(press c to exit):
****************************************************************************************
a: Read the instructions for playing the game of ROLLING THE DICE.
b: Play a game of Rolling the Dice
c: Exit the session

        Type in your choice (a,b or c): a

\WOULD YOU LIKE TO PLAY ROLLING DICE GAME? (y/n): y
True
0
0
0
0
y


10
Continue the game with roll_dice as your target score

Do you want to continue [y =1/n=0]: [                    ]
```

In [ ]: 1

```
120     print( \n\tine percentage of games won is:0 )
121     print()
122     print("\t***************************************************")
123
124
```

```
***************************************************************************************
Choose what you would like to see from the following menu(press c to exit):
***************************************************************************************
a: Read the instructions for playing the game of ROLLING THE DICE.
b: Play a game of Rolling the Dice
c: Exit the session

        Type in your choice (a,b or c): b

\WOULD YOU LIKE TO PLAY ROLLING DICE GAME? (y/n): y
True
0
0
0
0
y


11

type in (1) for this
```

In [ ]: 1

```
0
y


11
type in (1) for this1
CONGRATULATIONS!, You won the game

        ***************************************************

        The total number of games player played is: 11

        The number of games won is: 1

        The number of games lost is: 0

        The percentage of games won is: 9.090909090909092 %

        ***************************************************


***************************************************************************************
Choose what you would like to see from the following menu(press c to exit):
***************************************************************************************
a: Read the instructions for playing the game of ROLLING THE DICE.
b: Play a game of Rolling the Dice
c: Exit the session

        Type in your choice (a,b or c):
```

In [ ]: 1

```
************************************************************************************************************
Choose what you would like to see from the following menu(press c to exit):
************************************************************************************************************
a: Read the instructions for playing the game of ROLLING THE DICE.
b: Play a game of Rolling the Dice
c: Exit the session

        Type in your choice (a,b or c): c

\WOULD YOU LIKE TO PLAY ROLLING DICE GAME? (y/n): n
True
0
0
0
0
n


thank you for using the game . session ends

        *******************************************************

        The total number of games players played is:0

        The number of games won is:0

        The number of games lost is:0

        The percentage of games won is:0

        *******************************************************

************************************************************************************************************
Choose what you would like to see from the following menu(press c to exit):
************************************************************************************************************
a: Read the instructions for playing the game of ROLLING THE DICE.
b: Play a game of Rolling the Dice
c: Exit the session
```