

Experiment no – 01 (B)

Aim: Write the program for the following: (by using control statements and control structure)

(B). Enter the number from the user and depending on whether the number is even or odd, print out an appropriate message to the user.

Theory: -

Practical Implementation:-

Code:-

```
#Enter the number from the user and depending on whether the number is even or odd, print out an appropriate message to the user.
```

```
# Python program to check if the input number is odd or even.
```

```
# A number is even if division by 2 give a remainder of 0.
```

```
# If remainder is 1, it is odd number.
```

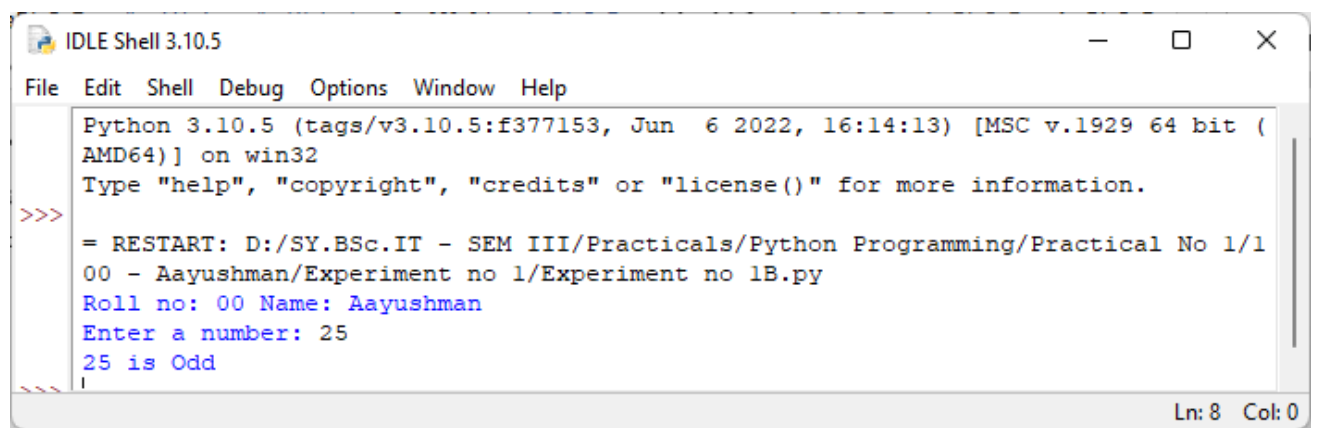
```
num = int(input("Enter a number: "))
```

```
if (num % 2) == 0:
```

```
print("{0} is Even".format(num))
```

```
else: print("{0} is Odd".format(num))
```

Output:



```
IDLE Shell 3.10.5
File Edit Shell Debug Options Window Help
Python 3.10.5 (tags/v3.10.5:f377153, Jun 6 2022, 16:14:13) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: D:/SY.BSc.IT - SEM III/Practicals/Python Programming/Practical No 1/1
00 - Aayushman/Experiment no 1/Experiment no 1B.py
Roll no: 00 Name: Aayushman
Enter a number: 25
25 is Odd
>>>
```

Conclusion: Successfully performed and Implemented the Program.