

**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.

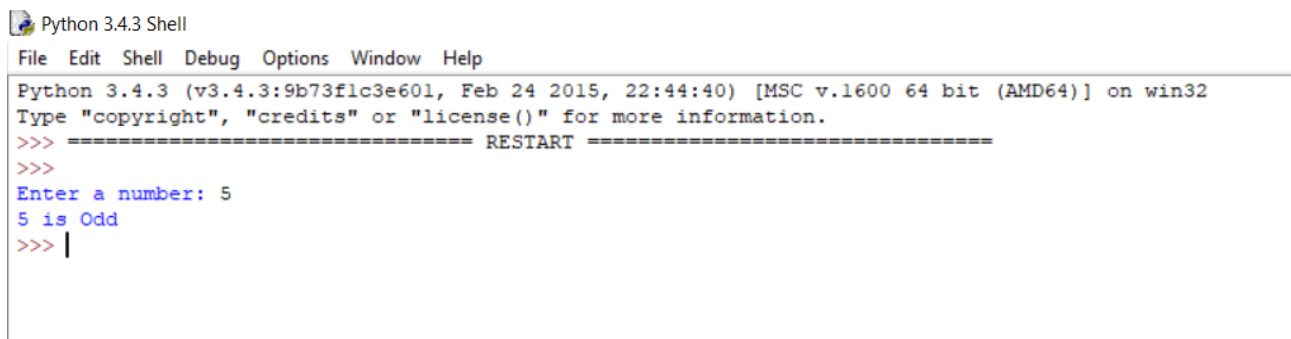
**Theory: -**

**Practical Implementation:-**

**Code:-**

```
# 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:**



```
Python 3.4.3 Shell
File Edit Shell Debug Options Window Help
Python 3.4.3 (v3.4.3:9b73flc3e601, Feb 24 2015, 22:44:40) [MSC v.1600 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ===== RESTART =====
>>>
Enter a number: 5
5 is Odd
>>> |
```

**Conclusion:**