

## ASSIGNMENT -1

Q1) Write code in IDE and Run code through command prompt

**Code:**

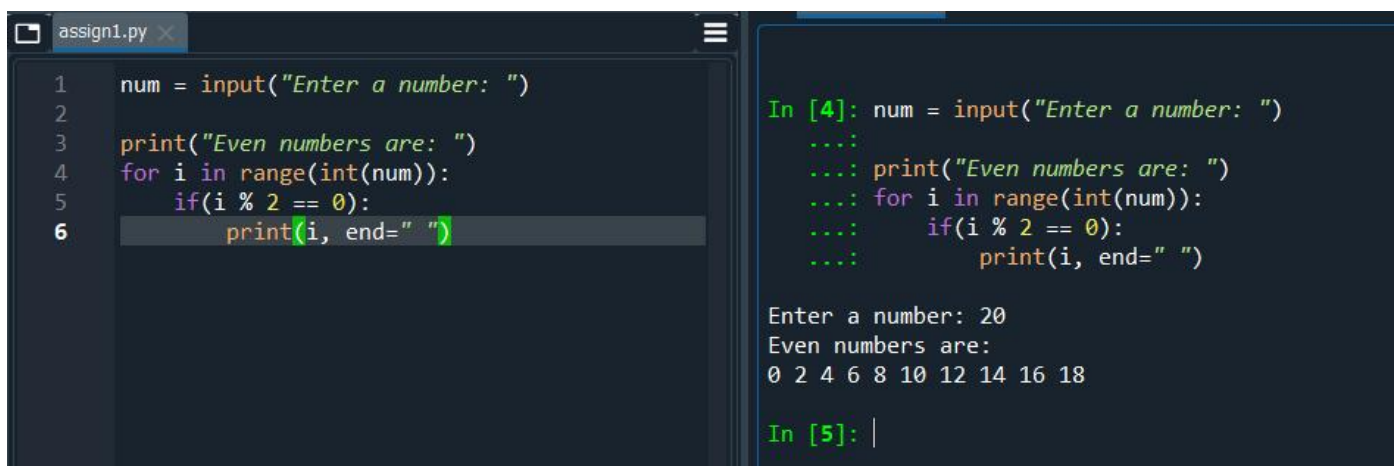
```
num = input("Enter a number: ")
print("Even numbers are: ")
for i in range(int(num)):
    if(i % 2 == 0):
        print(i, end=" ")
```

**Output:**

```
D:\CS subjects\IBM Project\Assignments\Assignment-1>python assign1.py
Enter a number: 20
Even numbers are:
0 2 4 6 8 10 12 14 16 18
D:\CS subjects\IBM Project\Assignments\Assignment-1>_
```

Q2) Write the code and Run in Spyder.

**Code & Output:**

The image shows a screenshot of the Spyder IDE interface. On the left, the code editor displays the Python code for finding even numbers. The code is as follows:

```
1 num = input("Enter a number: ")
2
3 print("Even numbers are: ")
4 for i in range(int(num)):
5     if(i % 2 == 0):
6         print(i, end=" ")
```

On the right, the IPython console shows the execution of the code. It displays the input '20', the prompt 'Even numbers are:', and the output '0 2 4 6 8 10 12 14 16 18'. The console prompt is currently 'In [5]: |'.