

ASSIGNMENT -1

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

Code:

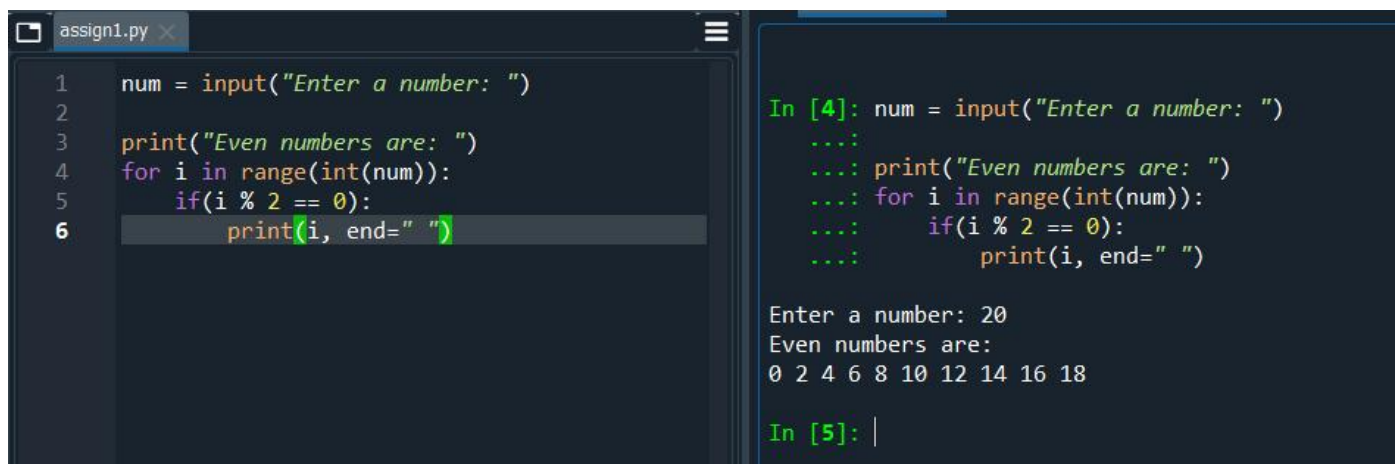
```
num = input("Enter a number: ")
print("Even numbers are: ")
for i in range(int(num)):
    if(i % 2 == 0):
        print(i, end=" ")
```

Output:

```
Enter a number: 20
Even numbers are:
0 2 4 6 8 10 12 14 16 18
```

Q2) Write the code and Run in Spyder.

Code & Output:

The image shows a screenshot of the Spyder IDE interface. On the left, a code editor window titled 'assign1.py' contains the following Python code:

```
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=" ")
```

The line number 6 is highlighted. On the right, the IPython console shows the execution of the code. It displays the input prompt, the output of the print statements, and the final prompt for the next input:

```
In [4]: num = input("Enter a number: ")
...:
...: print("Even numbers are: ")
...: for i in range(int(num)):
...:     if(i % 2 == 0):
...:         print(i, end=" ")

Enter a number: 20
Even numbers are:
0 2 4 6 8 10 12 14 16 18

In [5]: |
```