Assignment -3

Python Programming

Assignment Date	27 September 2022
Student Name	B.Tamil yazhini
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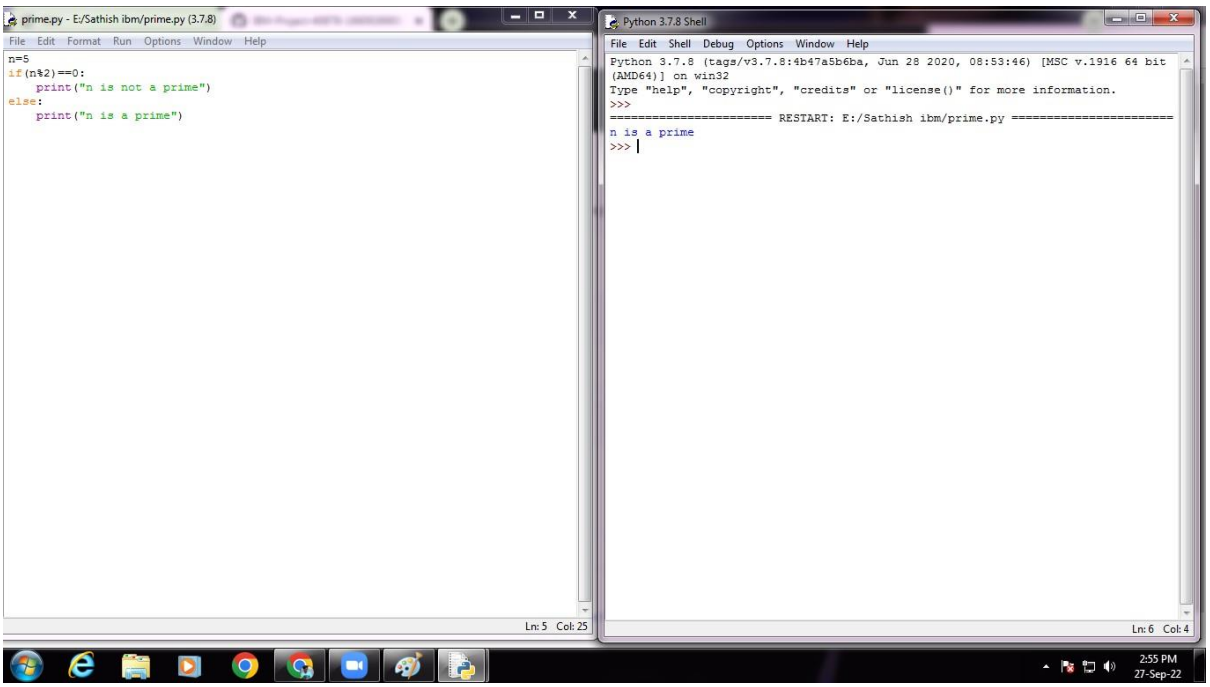
Maximum Marks	2 Marks

Question-1:

Write a program to test a given number is prime or not

Solution:

```
n=5
    if(n%2)==0:
        print("n is not a prime")
    else:
        print("n is a prime")
```

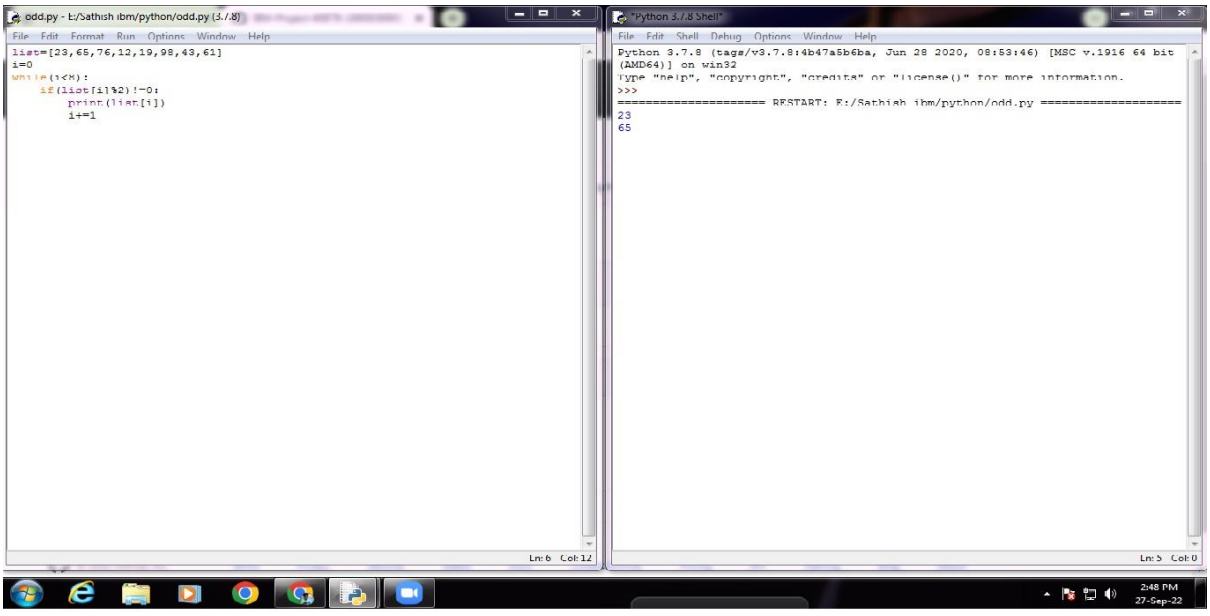


Question-2:

Write a python program to generate odd numbers from m to n using while loop

Solution:

```
List=[23,65,76,12,19,98,43,61]
i=0
while(i<8):
if(list[i]%2)!=0:
print(list[i])
i+=1
```

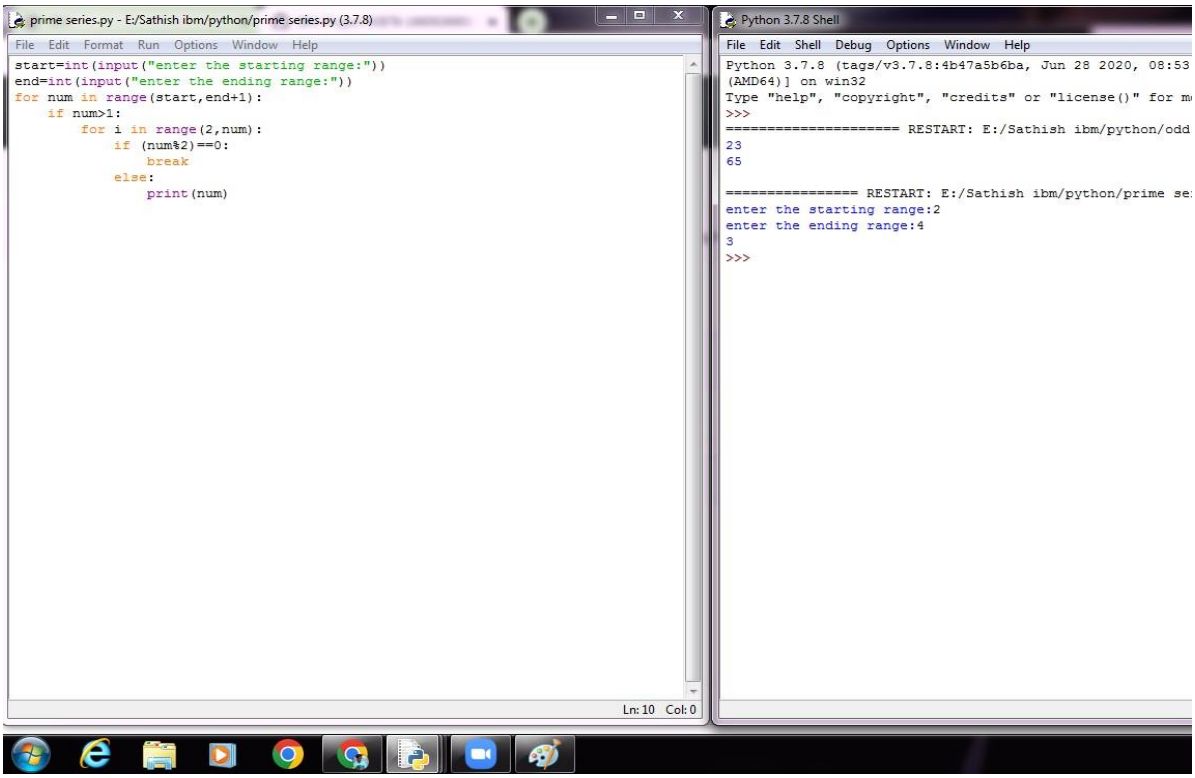


Question-3:

Write a python program to display prime number series up to given number

Solution:

```
start=int(input("enter the starting range:"))
end=int(input("enter the ending range:"))
for num in range(start,end+1):
    if num>1:
        for i in range(2,num):
            if (num%2)==0:
                break
            else:
                print(num)
```



Question-4:

Write a python program to generate Fibonacci series

Solution:

```
num=10
n1,n2=0,1
print("Fibonacci series are:")
for i in range(0,num):
    n3=n1+n2
    n1=n2
    n2=n3
    print(n3)
```