

**Experiment no –01 (C)**

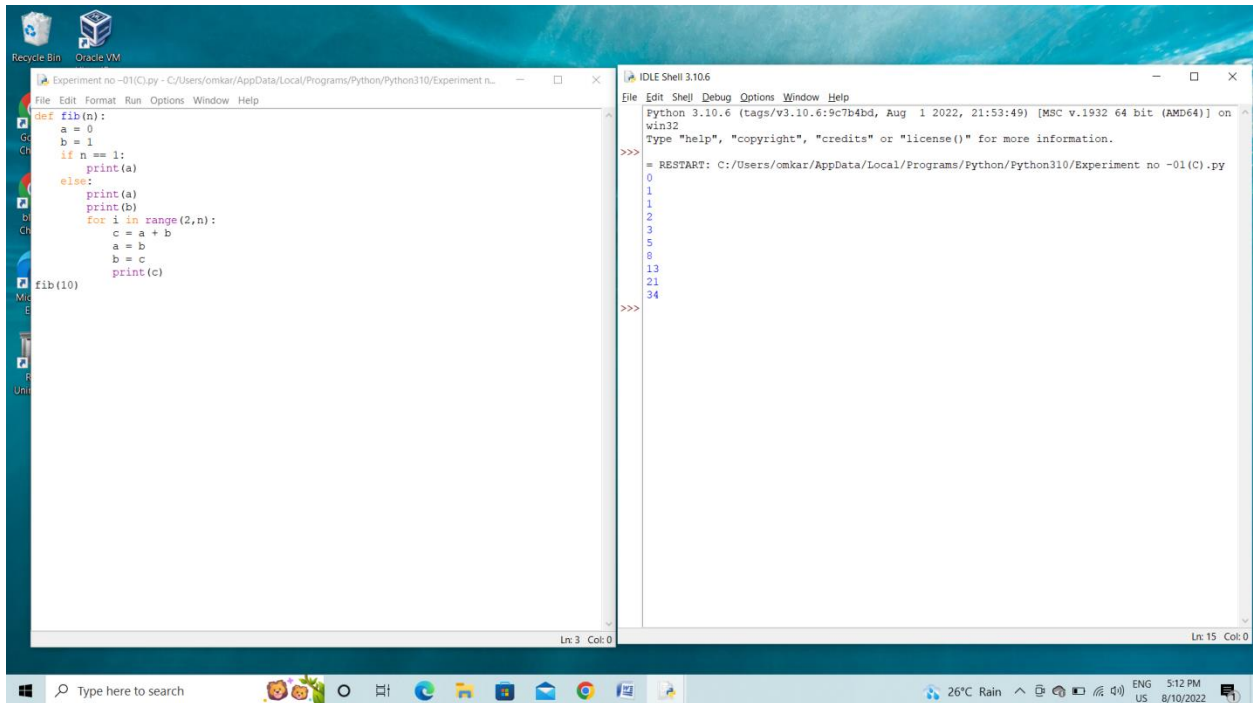
**Aim:** Write a program to generate the Fibonacci series.

**Program:**

**Code:**

```
def fib(n):  
    a = 0  
    b = 1  
    if n == 1:  
        print(a)  
    else:  
        print(a)  
        print(b)  
        for i in range(2,n):  
            c = a + b  
            a = b  
            b = c  
            print(c)  
fib(10)
```

**OUTPUT:**



```
def fib(n):  
    a = 0  
    b = 1  
    if n == 1:  
        print(a)  
    else:  
        print(a)  
        print(b)  
        for i in range(2,n):  
            c = a + b  
            a = b  
            b = c  
            print(c)  
fib(10)
```

```
>>>  
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on  
win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>>  
= RESTART: C:/Users/omkar/AppData/Local/Programs/Python/Python310/Experiment no -01(C).py  
0  
1  
1  
2  
3  
5  
8  
13  
21  
34  
>>>
```

**Conclusion :** This is program successfully run.