

<b>Ex.No: 3a</b>	<b>FIBONACCI SERIES</b>
<b>Date :</b>	

**AIM:**

To write a python program to calculate Fibonacci series.

**ALGORITHM:**

1. Start the program.
2. Take an integer variable f1,f2 and f3.
3. Set f1=0 and f2=1.
4. Display f1 and f2.
5.  $f3=f1+f2$ .
6. Display f3.
7. Start  $f1=f2$ ,  $f2=f3$ .
8. Repeat 5 -7, for n times.
9. Stop the program.

## **Program:**

```
n=int(input("enter
num"))
f1=0
f2=1 for i in
range(0,n):
    f3=f1+f2
    print(f1)
    f1=f2
    f2=f3
```

## **OUTPUT:**

enter num5

0

1

1

2

3

**RESULT:**

Thus the program to calculate Fibonacci series is executed.