1. Write a program to print Fibonacci series using recursion.

Program

```
def Fibonacci(n):
      if n<=1:
         return n
else:
       return Fibonacci(n-1)+Fibonacci(n-2)
nterms=4
if ntems<=0:
   print(“Please enter a positive integaer”)
else:
     print(“Fibonacci sequence”)
for I in range(ntrems):
print(Fibonacci(i))
```

output:-

```
Fibonacci sequence:
0
1
1
2
3
5

=== Code Execution Successful ===
```

Time complexity :-

$F(n)=O(2^n)$