

Aim: Write the program for the following: (by using control statements and control structure)


(C). Write a program to generate the Fibonacci series.

Theory: -

Practical Implementation:-

```
def fib(n):  
    a = 0  
    b = 1  
    if n == 1:  
        print(a)  
    else:  
        print(a)  
        print(b)  
        for i in range (3 , n):  
            c = a + b  
            a = b  
            b = c  
            print (c)  
fib(20)
```

output: -

 Python 3.4.3 Shell
File Edit Shell Debug Options Window Help
Python 3.4.3 (v3.4.3:9b73flc3e601, Feb 24 2015, 22:44:40) [MSC v.1600 64
Type "copyright", "credits" or "license()" for more information.
>>> ===== RESTART =====
>>>
fibonnaci sequence upto 10 :
0 , 1 ,
1 ,
2 ,
3 ,
5 ,
8 ,
13 ,
21 ,
34 ,
>>> |

Conclusion: