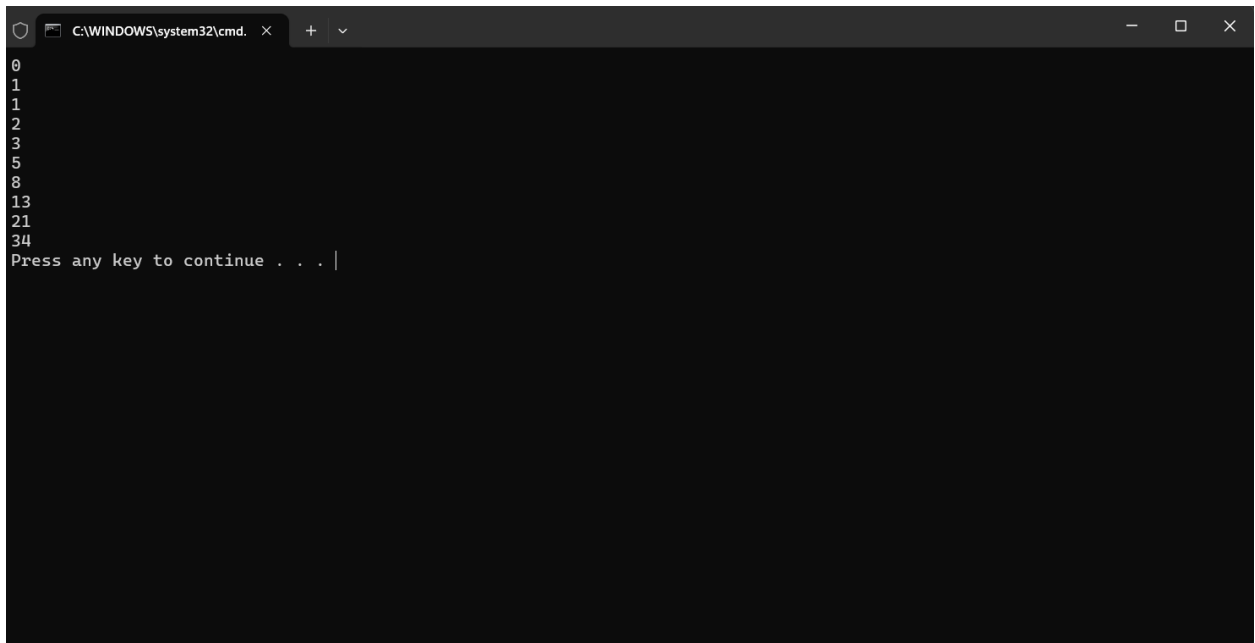


1) Write a program to Print Fibonacci Series using recursion.

CODE:

```
def fib(n):  
    if n<=1:  
        return n  
    return fib(n-1)+fib(n-2)  
  
a=10  
for i in range(a):  
    print(fib(i))
```

OUTPUT:

A screenshot of a Windows command prompt window. The title bar shows the file path 'C:\WINDOWS\system32\cmd.' and standard window controls. The command prompt displays the output of a program: the Fibonacci sequence from 0 to 34, with each number on a new line. The sequence is: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34. Below the sequence, the prompt 'Press any key to continue . . . |' is visible, indicating the program has finished execution and is waiting for a key press to close the window.

```
0  
1  
1  
2  
3  
5  
8  
13  
21  
34  
Press any key to continue . . . |
```

**TIME COMPLEXITY :  $O(2^n)$**