

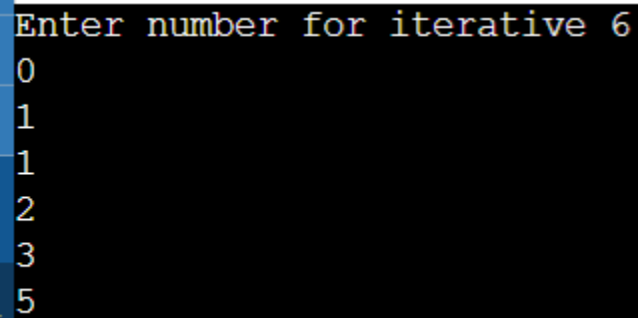
Code:

Iterative Approach

```
a=0
b=1
n=int(input("Enter number for iterative "))
print(a)
print(b)

for i in range(2,n):
    m=a+b
    a=b
    b=m
    print(m)
```

OUTPUT:

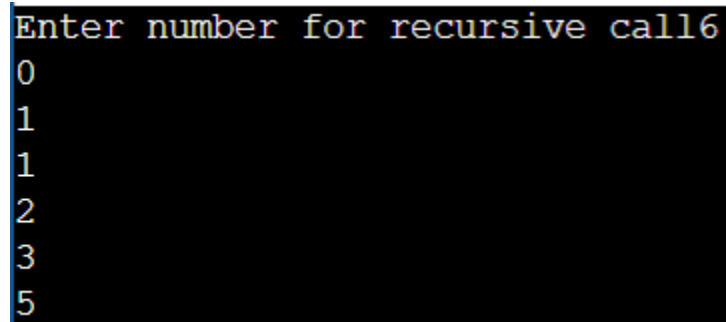


```
Enter number for iterative 6
0
1
1
2
3
5
```

Recursive Approach

```
def recur_fibo(n):  
    if n <= 1:  
        return n  
    else:  
        return(recur_fibo(n-1) + recur_fibo(n-2))  
  
nterms = int(input("Enter number for recursive call"))  
  
for i in range(nterms):  
    print(recur_fibo(i))
```

OUTPUT:



```
Enter number for recursive call6  
0  
1  
1  
2  
3  
5
```