In [3]:
```python
#recursive approch
def fib(n) :
    if n==0 or n==1 :
        return n
    else :
        return (fib(n-1)+fib(n-2))


nterms = (int(input("enter value for n ")))

for i in range (nterms) :
    print(fib(i))
```

```
enter value for n 5
0
1
1
2
3
```

In [7]:
```python
#iterative approch
a,b=0,1
n=(int(input("enter value for n")))
for i in range(n):
    if i==0 or i==1:
        print(i)
    else:
        result =a+b
        a=b
        b=result
        print(result)
```

```
enter value for n5
0
1
1
2
3
```

In [ ]: