In [1]:
```
#recursion means add result of previous cell
#recursion
def fun(n):
    if n==1:
        return 1
    else:
        return n+fun(n-1)

print(fun(5))
```

```
15
```

In [2]:
```
# fibonachi
0,1,1,2,3,5,8,13,21

def fib(n):
    if n==0 or n==1:
        return n
    else:
        return fib(n-1)+fib(n-2)
print(fib(6))
```

```
8
```