

Start coding or [generate](#) with AI.

Start coding or [generate](#) with AI.

```
#Factorial(5)= 5*4*3*2*1
#factorial(10)= 10*9*8*7*....*1
```

```
for i in range (10,0,-1):# (10,0,-1=> stop,stopsize,range)
    print(i)
```

```
↩ 10
   9
   8
   7
   6
   5
   4
   3
   2
   1
```

```
def factorial(n):
    fact = 1
    for i in range(n,0,-1):
        fact = fact * i
    return fact
```

```
factorial(5)
```

```
↩ 120
```

```
#factorial(5) = 5*4*3*2*1
#factorial(5) = 5 * factorial(4)
#factorial(5) = 5 * 4*factorial(3)
#factorial(5) = 5 *4*3* factorial(2)
#factorial(5) = 5 *4*3*2* factorial(1)
#factorial(5) = 5*4*3*2*1
```

```
#recursion => calling itself
```

```
def hello():
    print('hello')
    hello()    #aafu ley aafu lai call gari rakchhaa ie; recursion ho but recursive function chai haina
    #beacuse base function chhaina
```

```
hello()
```





4/6

lab.res

lab res