

```

def fun(n):
    if n < 1:
        return
    else:
        fun(n-1)
        print(n)

```

Global
scope

fun(n)

fun(5)

5 < 1? NO
fun(4)

fun(4)

4 < 1? NO
fun(3)

print(5)

fun(3)

3 < 1? NO
fun(2)

print(4)

fun(2)

2 < 1? NO
fun(1)

print(3)

fun(1)

1 < 1? NO
fun(0)

print(2)

fun(0)

0 < 1? YES
print(1)

fun(1)	fun(0):
fun(0)	return
print(1)	

← because, fun(1) called fun(0),
when fun(0) returns nothing,
the line below it which is

print(n) ⇒ print(1) is called.

```

def fun2(n):
    if n < 1:
        return
    else:
        print(n)
        fun2(n-1)

```

fun2(5)

output

