```python
def print_rec(i):

    if (i<=0): #Stop Criteria
        return

    print_rec(i-1) #increment/decrement
    print(i)

print_rec(3)
```
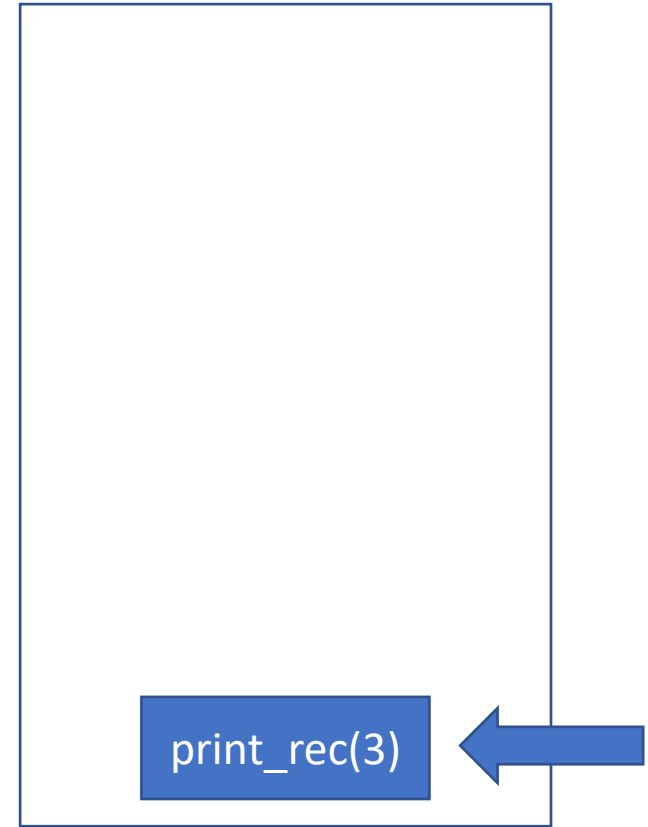
```
def print_rec(3):

    if (3<=0): #Stop Criteria
        return

    print_rec(2) #increment/decrement
    print(3)
```
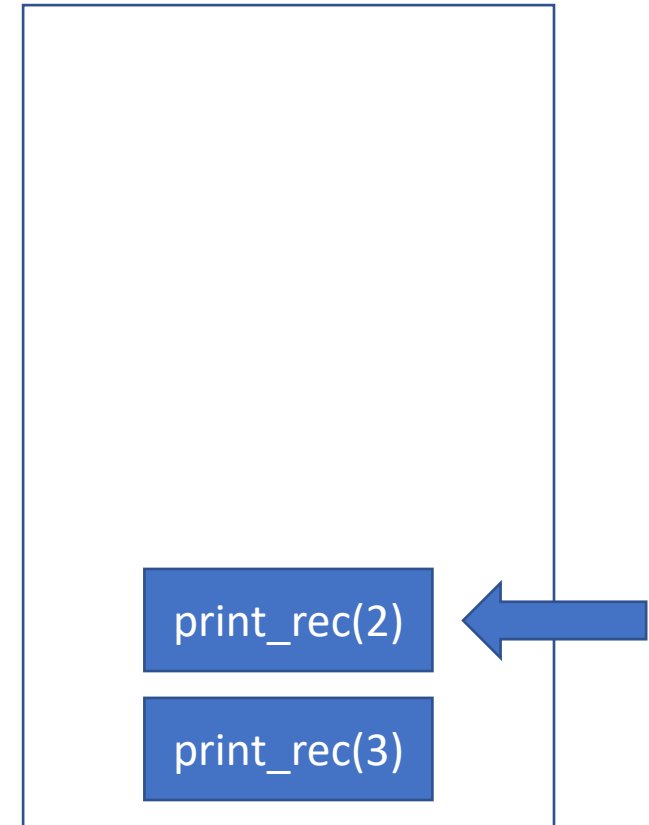
Call Stack

print_rec(3)

```
def print_rec(3):

    if (3<=0): #Stop Criteria
        return

    print_rec(2) #increment/decrement
    print(3)
```

```
def print_rec(2):

    if (2<=0): #Stop Criteria
        return

    print_rec(1) #increment/decrement
    print(2)
```

Call Stack

print_rec(2)

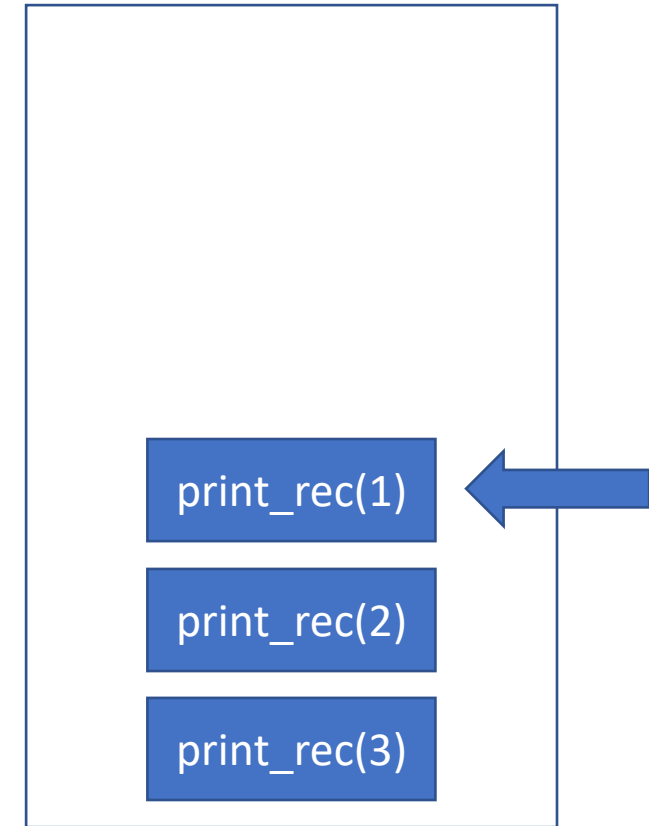print_rec(3)

```
def print_rec(3):

    if (3<=0): #Stop Criteria
        return

    print_rec(2) #increment/decrement
    print(3)
```
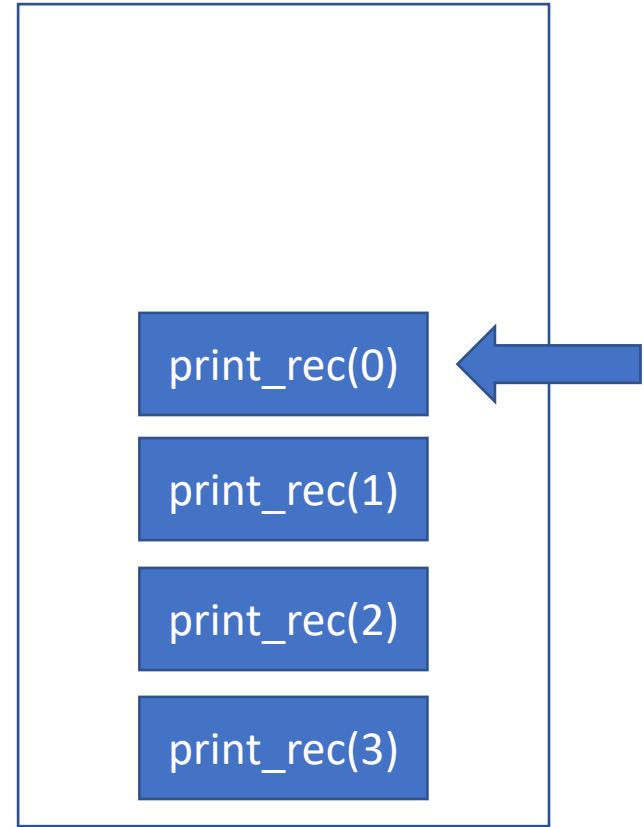
```
def print_rec(2):

    if (2<=0): #Stop Criteria
        return

    print_rec(1) #increment/decrement
    print(2)
```

```
def print_rec(1):

    if (1<=0): #Stop Criteria
        return

    print_rec(0) #increment/decrement
    print(1)
```

Call Stack

print_rec(1)

print_rec(2)

print_rec(3)

```python
def print_rec(3):

    if (3<=0): #Stop Criteria
        return

    print_rec(2) #increment/decrement
    print(3)
```

Call Stack

```python
def print_rec(2):

    if (2<=0): #Stop Criteria
        return

    print_rec(1) #increment/decrement
    print(2)
```

```python
def print_rec(1):

    if (1<=0): #Stop Criteria
        return

    print_rec(0) #increment/decrement
    print(1)
```

```python
def print_rec(0):

    if (0<=0): #Stop Criteria
        return
```


print_rec(0)

print_rec(1)

print_rec(2)

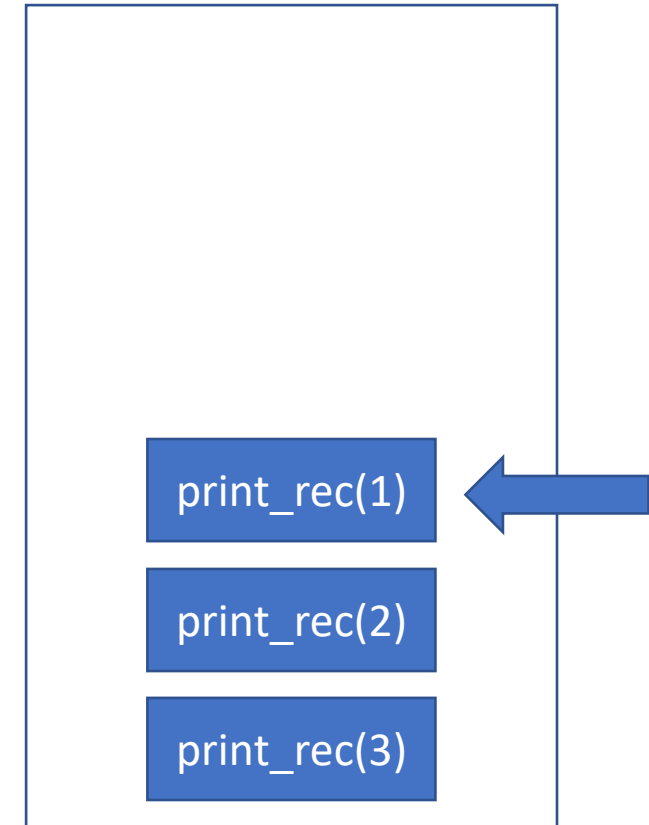print_rec(3)

```
def print_rec(3):

    if (3<=0): #Stop Criteria
        return

    print_rec(2) #increment/decrement
    print(3)
```

```
def print_rec(2):

    if (2<=0): #Stop Criteria
        return

    print_rec(1) #increment/decrement
    print(2)
```

```
def print_rec(1):

    if (1<=0): #Stop Criteria
        return

    print_rec(0) #increment/decrement
    print(1)
```

1

Call Stack

print_rec(1) ←

print_rec(2)

print_rec(3)

```
def print_rec(3):

    if (3<=0): #Stop Criteria
        return

    print_rec(2) #increment/decrement
    print(3)
```

```
def print_rec(2):

    if (2<=0): #Stop Criteria
        return

    print_rec(1) #increment/decrement
    print(2)
```
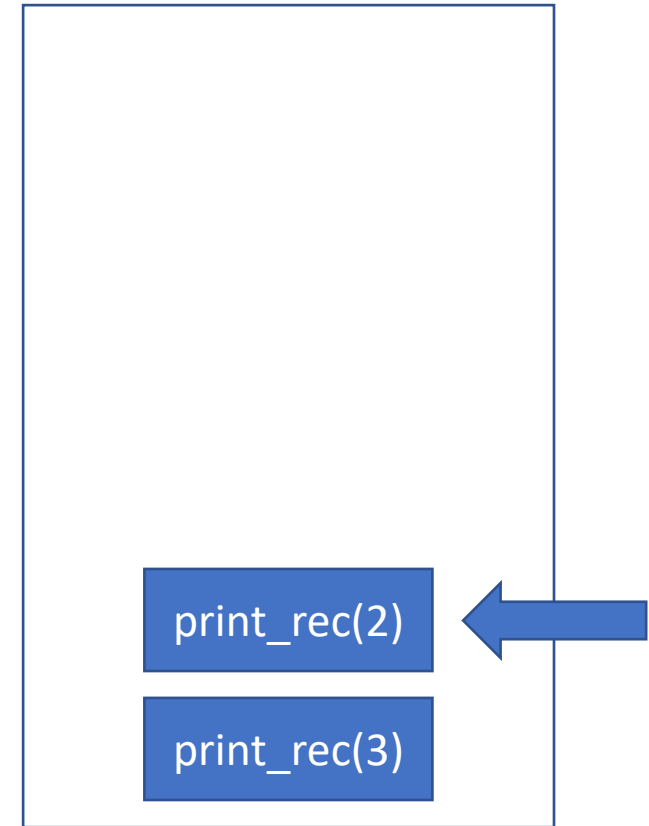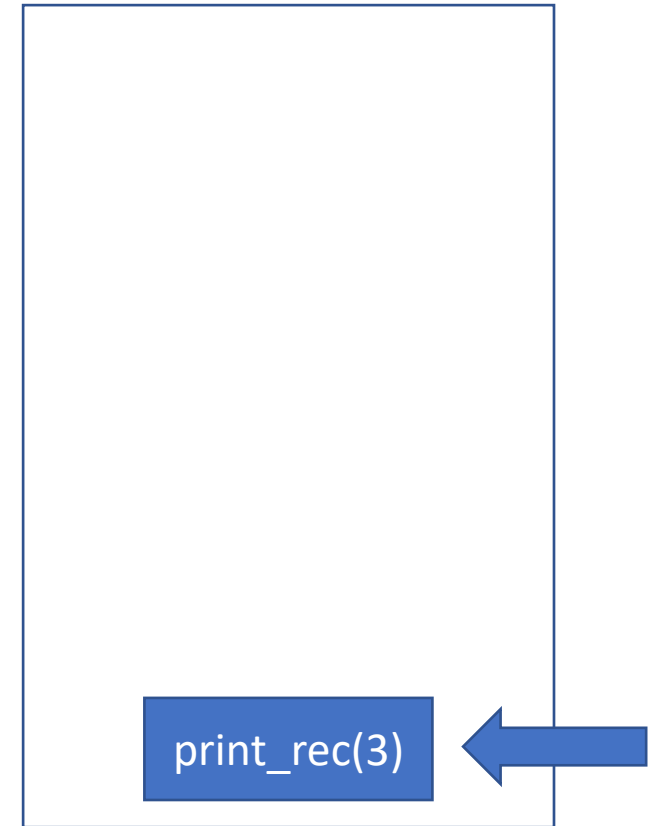
Call Stack

print_rec(2)

print_rec(3)

1
2

```
def print_rec(3):

    if (3<=0): #Stop Criteria
        return

    print_rec(2) #increment/decrement
    print(3)
```

Call Stack

print_rec(3)

1
2
3

```python
def print_rec(i):

    if (i<=0): #Stop Criteria
        return

    print_rec(i-1) #increment/decrement
    print(i)

print_rec(3)
```