



Data Structures & Algorithms **using Python**

Quiz Answers

Recursion-1

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Quiz Answers



What will be the output of the following code?

```
def func(num):  
    return func(num-1)  
num = 5  
ans = func(num-1)  
print(ans)
```

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Recursion Error

0

None Of The Above

What will be the output of this code?

```
def printNumbers(n):  
    if(n<0):  
        return  
    print(n,end=" ")  
    printNumbers(n-2)  
num = 5  
printNumbers(num)
```

Recursion Error

5 4 3 2 1

5 3 1

None of the above

What will be the output of the following code?

```
def fun(n):  
    if(n == 4):  
        return n  
    else:  
        return 2*fun(n+1)
```

```
print(fun(2))
```

4

8

16

Recursion Error
