

On Thursday, February 16th at 6:00AM EST, UTC-5, we will be conducting a brief database maintenance. The event should last about 5 minutes.



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## Exercise 7

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### Exercise 7

2 points possible (graded)

**ESTIMATED TIME TO COMPLETE: 3 minutes**


Consider the following function definition:

```
def f(n):  
    """  
    n: integer, n >= 0.  
    """  
    if n == 0:  
        return n  
    else:  
        return n * f(n-1)
```

When we call `f(3)` we expect the result 6, but we get 0.When we call `f(1)` we expect the result 1, but we get 0.When we call `f(0)` we expect the result 1, but we get 0.

Using this information, choose what line of code should be changed from the following choices:

☐ `if n == 0:`☒ `return n`☐ `else:`☐ `return n * f(n-1)`

Problem Set due Feb  
23, 2017 15:30 PST 

- ▶ Midterm Exam
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How should this line be rewritten?

Submit

## Exercise 7

Topic: Lecture 7 / Exercise 7

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