

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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Problem Set 4

Week 4: Good Programming Practices > 7. Testing and Debugging > Exercise: integer division

Exercise: integer division

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Exercise: integer division

5.0 points possible (graded)

ESTIMATED TIME TO COMPLETE: 4 minutes

Consider the following function definition:

```
def integerDivision(x, a):
    """
    x: a non-negative integer argument
    a: a positive integer argument

    returns: integer, the integer division of x divided by
    a.
    """
    while x >= a:
        count += 1
        x = x - a
    return count
```

When we call


```
print(integerDivision(5, 3))
```

we get the following error message:

```
File "temp.py", line 9, in integerDivision
    count += 1
UnboundLocalError: local variable 'count' referenced before
assignment
```

Your task is to modify the code for `integerDivision` so that this error does not occur.



Problem Set due Feb
23, 2017 15:30 PST 

- ▶ [Midterm Exam](#)
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```
1 def integerDivision(x, a):
2     """
3     x: a non-negative integer argument
4     a: a positive integer argument
5
6     returns: integer, the integer division of x divided by a.
7     """
8     while x >= a:
9         count += 1
10        x = x - a
11    return count
12
```

Press ESC then TAB or click outside of the code editor to exit

Unanswered

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Exercise: integer division

Topic: Lecture 7 / Exercise: integer division

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