



< Previous

12 of 27

Next >

Exercise 5

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Finger Exercises due Oct 27, 2022 07:30 +08

Completed

Exercise 5

4/4 points (graded)

ESTIMATED TIME TO COMPLETE: 10 minutes

Enter the value of the expressions below.

To get the most out of this problem, try to figure out the answers by reading the code, not running it. Run the code only after you've used up a few of your checks.

**Hint:** If you are confused, you may find it helpful to draw out an environment diagram similar to what was presented in lecture.

1.

```
def foo(x, y = 5):
    def bar(x):
        return x + 1
    return bar(y * 2)

foo(3)
```

11

✓

2.

```
def foo(x, y = 5):
    def bar(x):
        return x + 1
    return bar(y * 2)

foo(3, 0)
```

1

✓

3.

```
def foo (x):
    def bar (z, x = 0):
        return z + x
    return bar(3, x)

foo(2)
```

5

✓

4.

```
def foo (x):
    def bar (z, x = 0):
        return z + x
    return bar(3)

foo(5)
```

3

✓

Submit

Exercise 5

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Topic: Lecture 4 / Exercise 5

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<div>?</div> <div>Q.1</div> <div>I am having a hard time understanding the calculation series involved in the first question of this exercise. Also is it okay not to understand c...</div>	3
<div>💬</div> <div>Question 3</div> <div>Hello - I've rewatched the lectures but am having a tricky time with functions. For question 2, I understand z is assigned a value of 3 and x is...</div>	3
<div>👤</div> <div>nothing printed when using "return" in shell</div>	

< Previous

Next >

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