



Bookmarks

- ▶ [Welcome to the edX Platform](#)
- ▶ [Entrance Survey](#)
- ▶ [Download Python and Get Motivated!](#)
- ▶ [Week 1: Python Basics](#)
- ▶ [Week 2: Simple Programs](#)
- ▶ [Week 3: Structured Types](#)
- ▶ [Week 4: Good Programming Practices](#)
- ▶ [Midterm Exam](#)
- ▼ [Week 5: Object Oriented Programming](#)

Week 5: Object Oriented Programming &gt; 9. Classes and Inheritance &gt; Exercise 1

## Exercise 1

Bookmark this page

### Exercise 1

5 points possible (graded)

**ESTIMATED TIME TO COMPLETE: 6 minutes**

1. What method is called when an object is created?

☐ self☐ obj.self☐ init☐ \_\_init\_\_☐ new

2. If you have an object instance, `obj`, and you want to call its `doSomething()` method (assuming it has one), how would you do this? (write the line of code you would use)

3. True or False? An object's attributes must be defined in the object's `__init__` method.

☐ True

## 9. Classes and Inheritance

[Finger Exercises](#)

## 10. An Extended Example

[Finger Exercises](#)

## Problem Set 5

[Problem Set due Mar 2, 2017 15:30 PST](#)

► [Week 6: Algorithmic Complexity](#)

► [Sandbox](#)

☐ False

4. The following code starts the definition of a class called `Address`. The class needs to have two *attributes*: `number` and `streetName`. Please add in the two lines of code that will create these attributes from the appropriate passed in parameters.

```
class Address(object):  
    def __init__(self, number, streetName):  
        # Line 1: Creating a number attribute  
        # Line 2: Creating a streetName attribute
```

- What is the correct expression for `# Line 1`?

- What is the correct expression for `# Line 2`?

Submit

## Exercise 1

Topic: Lecture 9 / Exercise 1

Show Discussion

© All Rights Reserved



© 2012-2017 edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

POWERED BY  
**OPENedX**<sup>®</sup>

