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**Python 3: The Python Environment  
Lesson 11, Project 1**

Handed in: 10 Jun 2015 02:25:01AM Graded: 11 Jun 2015 10:28:51AM

**Here are your instructions:**

Create a **Python3\_Homework11** project and assign it to your **Python3\_Homework** working set. In the **Python3\_Homework11/src** folder, copy **property\_address.py** and **test\_property\_address.py** from the last project.

**property\_address.py** must append messages such as the following to a logfile named **property\_address.log** each time **test\_property\_address.py** is run:

property\_address.log:

2011-12-05 19:36:14,970 - ERROR - state - STATE exception

2011-12-05 19:36:14,970 - INFO - \_\_init\_\_ - Creating a new address

2011-12-05 19:36:14,986 - ERROR - zip\_code - ZIPCODE exception

**Note:** Your date and time values will of course vary.

Submit **property\_address.py** and **test\_property\_address.py** when they are working to your satisfaction.

**Your Comment:**

Kirby,

Here's a fun and embarrassing story: I had my logging code written pretty quickly and was running

the test suite and I couldn't figure out why the Address.\_\_init\_\_() calls weren't being logged and I

was trying everything and nothing would work. Then I started wondering where the message

that should be at the top of the log file indicating it had started was. I knew the test suite was

obviously calling the start\_logging function (because there was log info in the file). Then I realized

I had the level set to high in the test suite (set to 'error') so I sheepishly lowered that to 'info' and

it worked. :D

-Jason

**Items Handed In**

* [Open Project Handed In](https://students.oreillyschool.com/student/project/?/.handin/147-6652-1/com.ost.jwoloson.147.6652.1.Python3_Homework11.zip)

**Overall Comments:**

Good learning!

A lot of students don't find the log file at first as in Ellipse / Eclipse one needs to refresh the

working set to see newly created files.

Note that we do not control the order in which unittests fire, i.e. naming them test\_1, test\_2...

has no effect other than to differentiate them. The order should be considered random.

For that reason, any log file driven by unittesting will have somewhat randomly ordered

lines (it's not a goal to precisely match example output, in terms of order -- just a reminder,

not saying this is a pitfall in your case).

Great work.

-Kirby

**Grade:**

Great

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