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**Python 2: Getting More Out of Python  
Lesson 3, Project 1**

Handed in: 22 Feb 2015 11:31:17AM Graded: 23 Feb 2015 11:04:35AM

Here are your instructions:

Make a **TestDrivenDevelopment\_Homework** project and assign it to the **Python2\_Homework** working set.

Copy the **setupDemo.py** file from the **TestDrivenDevelopment/src** folder to the **TestDrivenDevelopment\_Homework/src** folder.

Modify it so that:

* The test\_1() method includes code to verify that the test directory contains only the files created by the **for** loop. Hint: You might create a set containing the list of three filenames, and then create a set from the os.listdir() method.
* A test\_3() method creates a binary file that contains exactly a million bytes, closes it and then uses os.stat to verify that the file on disk is of the correct length (with os.stat, **statinfo.st\_size** returns the size in bytes).

**Your Comment:**

Attempt #2. Thanks for the advice as always!

**Items Handed In**

* [Open Project Handed In](file:///C:\Code\O'Reilly%20School\Python%202\Lesson%203%20-%20TDD\project\%3f\.handin\160-7837-2\com.ost.jwoloson.160.7837.2.TestDrivenDevelopment_Homework.zip)

**Overall Comments:**

Hi Jason,

Just a pleasure, I'm glad that my remarks are resonating with you.

Your 2nd attempt is much improved. Thanks much for the upgrade.

Here's a bit of advice that you might find handy later... File system introspection tools like

os.listdir()

... don't differentiate among different filesystem objects. For instance they can't tell a difference between some directories and files. So if I were to include this line of code:

os.mkdir('byte\_me.byte\_me')

... your test\_1() would fail. If ever you are to care whether an object was a file or directory, you might use a command like os.path.isfile()

Overall, great job.

-Pat

**Grade:**

Great

[Take Me Back](ostreturn:) [Previous Attempt](file:///C:\Code\O'Reilly%20School\Python%202\Lesson%203%20-%20TDD\viewassignment.php%3fentryid=7837&attempt=1&graded=1)

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