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**Python 2: Getting More Out of Python  
Lesson 4, Project 1**

Handed in: 26 Feb 2015 01:47:10PM Graded: 26 Feb 2015 02:27:37PM

**Here are your instructions:**

Make a **FileHandling\_Homework** project and assign it to your **Python2\_Homework** working set. In that project, write a module containing a function to examine the contents of the current working directory and print out a count of how many files have each extension (".txt", ".doc", etc.)

Write a separate module to verify by testing that the function gives correct results.

**Your Comment:**

*no comment given*

**Items Handed In**

* [Open Project Handed In](https://students.oreillyschool.com/student/project/?/.handin/160-7846-1/com.ost.jwoloson.160.7846.1.FileHandling_Homework.zip)

**Overall Comments:**

Hi Jason,

I'm not exactly sure what all these tests do. One of the nice things about the unittest framework is that it's easy for a teammate to add new ones, so I've gone ahead and done that. Could you please have look and see if you can get this test class to pass?

class TestModule(unittest.TestCase):

def setUp(self):

self.home = os.getcwd()

self.testdir = mkdtemp()

os.chdir(self.testdir)

def test\_working(self):

for file in ["test1.doc",

"test2.doc",

"long.file.ext.tz",

"no\_ext",

"joe.zip"]:

f = open(file, 'w').close()

expected = {".doc":2, ".tz":1, "":1, ".zip":1} # dict of expected extensions

observed = cwd.doctor(os.getcwd())

self.assertEqual(observed, expected, "uh oh, problem")

def tearDown(self):

os.chdir(self.home)

shutil.rmtree(self.testdir)

-Pat

**Grade:**

Try Again

Your instructor would like you to work on this project. Be sure to hand in your corrections!

[Take Me Back](ostreturn:)

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