Top of Form 1

Bottom of Form 1

Top of Form 2

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

Handed in: 20 Feb 2015 05:59:06PM Graded: 21 Feb 2015 10:39:44AM

Here are your instructions:

Make a **UnitTesting\_Homework** project and assign it to the **Python2\_Homework** working set. In this project, write a unittest test program for the following function. (The test program makes unittest.TestCase assertions about the results of calling the function with known arguments.)

def title(s):

"How close is this function to str.title()?"

return s[0].upper()+s[1:]

Test your results for a given string s by comparing them with s.title(). Because this is purely an exercise, it's OK to put your test code in the same file as the function and just hand in a single file. Your file should be an importable module. You should be able to find an example that shows title(s) and s.title() diverge (have different output). Bonus marks for fixing the error in the function above (making it behave more like the native method).

**Your Comment:**

Attempt #3

**Items Handed In**

* [Open Project Handed In](file:///C:\Code\O'Reilly%20School\Python%202\Lesson%202%20-%20Unit%20Testing\project\%3f\.handin\160-7828-3\com.ost.jwoloson.160.7828.3.UnitTesting_Homework.zip)

**Overall Comments:**

Hi Jason,

This looks really good now. Your tests are nicely localized, robust, and readable.

Here's how you might bundle them up to make them more compact without any loss of functionality:

def test\_good\_ones(self):

msg=("\nTHESE SHOULD MATCH:\n"

"Built-in Output: {0}\n"

"Current Output: {1}".format(s.title(), title(s)))

for s in ['hELLo',

'Cubbies will win series in 2015.' #note interpreter's lack of reality checking ;-)

]:

self.assertEqual(title(s), s.title(), msg)

def test\_bad\_ones(self):

msg=("\nTHESE SHOULD NOT MATCH:\n"

"Built-in Output: {0}\n"

"Current Output: {1}".format(s.title(), title(s)))

for s in ["ain't", #note you can use double quotes here

'wHY,then',

'do you tHINK tHiS CODE wiLL worK?'

]:

self.assertNotEqual(title(s), s.title(), msg)

Thanks for hanging in there with me.

-Pat

**Grade:**

Great

[Take Me Back](ostreturn:) [Previous Attempt](file:///C:\Code\O'Reilly%20School\Python%202\Lesson%202%20-%20Unit%20Testing\viewassignment.php%3fentryid=7828&attempt=2&graded=1)

© 2014, O'Reilly Media, Inc. All rights reserved.

Bottom of Form 2