Top of Form



Bottom of Form

Top of Form



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

Handed in: 4 Jun 2015 10:48:38PM Graded: 5 Jun 2015 10:54:06PM

**Here are your instructions:**

Create a **Python3\_Homework01** project and assign it to your **Python3\_Homework** working set. In the **Python3\_Homework01/src** folder, create a program named **adder.py**; in it, create a function that takes two objects and adds them together only if they are both of the integer type. Raise a TypeError otherwise. Then, create a **test\_adder.py** file that tests the correctness of this function.

When they are working to your satisfaction, submit **adder.py** and **test\_adder.py**.

**Your Comment:**

*no comment given*

**Items Handed In**

* [Open Project Handed In](https://students.oreillyschool.com/student/project/?/.handin/147-6538-2/com.ost.jwoloson.147.6538.2.Python3_Homework01.zip)

**Overall Comments:**

Good work.

WIthout with syntax:

# tuples, lists, dicts should not pass

for x,y in [(1.,2), # one float

(1,'two'), # one string

(None, 2), # one None

(1, object), # one object

((1,2),2), # one tuple

(1,[2,3]), # one list

(dict(),2), # one dict

# (adder(1.,2),2) # this fails for some reason..

]:

self.assertRaises(TypeError, adder, x, y)

Another solution:

def adder(x, y):

if not isinstance(x, int) or not isinstance(y, int):

raise TypeError("only ints for args")

return x + y

-Kirby

**Grade:**

Great

[Take Me Back](ostreturn:)   [Previous Attempt](https://students.oreillyschool.com/student/viewassignment.php?entryid=6538&attempt=1&graded=1)

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

Bottom of Form