Top of Form



Bottom of Form

Top of Form



**Python 3: The Python Environment  
Lesson 13, Project 1**

Handed in: 14 Jun 2015 02:38:06PM Graded: 16 Jun 2015 11:48:12AM

**Here are your instructions:**

Create a **Python3\_Homework13** project and assign it to your **Python3\_Homework** working set. In the **Python3\_Homework13/src** folder, create a program named **mathquiz.py**. In this program, you will create a math quiz. This quiz will ask the user five addition questions adding random integers between 1 and 10 inclusive. Each answer will be timed so you can generate the following time results:

* Time for each question
* Total time for all questions
* Average time per question

This program needs to generate random numbers using Python's random library.

Your project should meet the following conditions:

You must include a working **test\_mathquiz.py** unittest file that tests at least one function. Each time the test runs, it must present random integers.

Your code must generate output that looks like this:

What is the sum of 6 and 6? 12

12 is right!

What is the sum of 5 and 4? 9

9 is right!

What is the sum of 4 and 2? 6

6 is right!

What is the sum of 1 and 1? 2

2 is right!

What is the sum of 9 and 2? 111

111 is wrong!

Question #1 took about 1 seconds to complete and was right.

Question #2 took about 1 seconds to complete and was right.

Question #3 took about 1 seconds to complete and was right.

Question #4 took about 2 seconds to complete and was right.

Question #5 took about 2 seconds to complete and was wrong.

You took 9 seconds to finish the quiz

Your average time was 1.8 seconds per question

Submit **mathquiz.py** and **test\_mathquiz.py** when your programs are working to your satisfaction.

**Your Comment:**

*no comment given*

**Items Handed In**

* [Open Project Handed In](https://students.oreillyschool.com/student/project/?/.handin/147-6670-1/com.ost.jwoloson.147.6670.1.Python3_Homework13.zip)

**Overall Comments:**

When I run mathquiz.py I expect to take a short quiz per the output shown. But nothing

happens.

def main():

"""

Main loop for mathquiz.py when run directly.

"""

MathQuiz()

Maybe you forgot to call start()? Make sure the quiz-taking experience is on tap for

anyone just running mathquiz top level.

from \_\_future\_\_ import division

is a holdover from earlier Pyhthon 2.x versions. Given we're running

Python 3.4, there's no \_\_future\_\_ feature we need -- all the expected

behaviors are the default behaviors. We're \*already\* in the future. :-D

Good work so far.

-Kirby

**Grade:**

Try Again

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

[Take Me Back](ostreturn:)    [Next Attempt](https://students.oreillyschool.com/student/viewassignment.php?entryid=6670&attempt=2&graded=1)

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

Bottom of Form