**Python 2: Getting More Out of Python  
Lesson 2, Quiz 2**

Handed in: 18 Feb 2015 03:06:33PM Graded: 19 Feb 2015 12:51:15PM

Question 1:

What is the basic rule of test-driven development?

**Your Answer:**

Only write code to make a failing test pass

**Mentor Comments:**

*none*

Question 2:

What is a test fixture?

**Your Answer:**

Any item needed to perform the tests

**Mentor Comments:**

Examples of fixtures:

Loading a database with a specific, known set of data

Erasing a hard disk and installing a known clean operating system installation

Copying a specific known set of files

Preparation of input data and set-up/creation of fake or mock objects

[source: wikipedia]

Question 3:

Why would you normally prefer to put tests in a separate module from the code they are testing?

**Your Answer:**

To make your testing code flexible and reusable

**Mentor Comments:**

Actually as the project involving def title(s) vs. s.title() showed, you \*may\* combine

tests and code, it just rapidly becomes iffy to do so, because you're weighing down

the module with code that is unnecessary to getting the job done. As a professional

math teacher (off and on), I've been known to squirrel away tests, with a function, in

one module, as here;

<https://mail.python.org/pipermail/edu-sig/2013-August/010872.html>

(there's actually a mistake in that two of the tests have the same name,

do you see it? A student grabbing my code would probably find that

flagged in Eclipse or whatever IDE with "intellisense" [tm] about Python).

Question 4:

What does "YAGNI" stand for?

**Your Answer:**

You Ain't Gonna Need It

**Mentor Comments:**

*none*

**Overall Comments:**

You have come up with a perfect quiz, Jason. Congratulations!

-Pat

**Grade:**

Great