Quiz 04

Due Sep 23 at 12pm Points 10 Questions 10 Time Limit None	e Sep 23 at 12pm
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Instructions

There is no time limit, but you may only make one submission.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	48 minutes	9 out of 10

Score for this quiz: **9** out of 10 Submitted Sep 16 at 4:02am This attempt took 48 minutes.

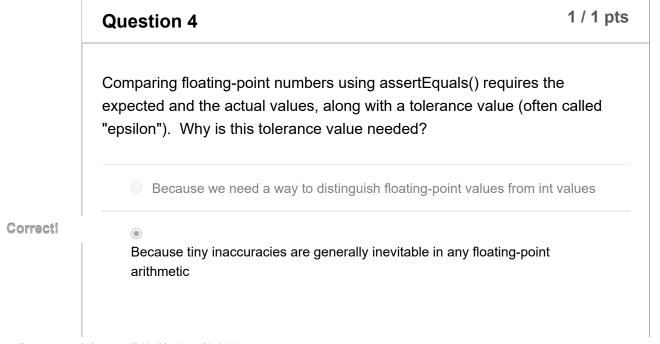
	Question 1 1 / 1 pts	
	According to the textbook, what is the simple JUnit philosophy regarding the number of test classes and the number of classes being tested.	
	One test class for the entire application	-
Correct!	One test class per class tested	
	Many test classes per class tested	
	Many classes tested per test class	

Question 2 1 / 1 pts

In JUnit 4, how do we annotate the methods that are intended as test cases?

	assertEquals()
Correct!	@Test
	using a method name that ends with "Test"
	@Assert

Checking new code with older tests, to ensure nothing that was working has been broken, is called: Test suites Cycling Regression testing White box testing



Because precision	can be lost when	n casting from float	to double

Because the compiler needs to distinguish between type float and type double

Question 5 0 / 1 pts

Which of the following is NOT a typical advantage of unit testing over using a tester class that just exercises the code and prints out the expected and actual values.

orrect Answer

Unit tests are written in Java code

'ou Answered

Unit tests provide faster processing of results, because human interpretation of results is not required

Unit test cases are inherently independent from each other

Unit tests allow trivial verification of results that may not be easy for humans to read

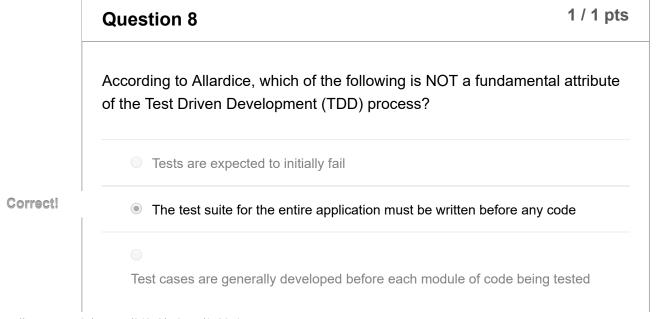
Question 6 1 / 1 pts

When an assertion in a unit test fails, which combination of the following reasons is possible?

- I. The code is not working as expected
- II. The code is working as expected, but the assertion is wrong

	Reason II. only
Correct!	Both Reason I. and Reason II.
	Reason I. only
	Neither Reason I. nor Reason II.

What kind of testing does Allardice propose as the basis for Test Driven Development (TDD)? Performance testing, to ensure the application runs quickly Usability testing, to ensure humans find the application easy to use Correct! Stress testing, for programmers to ensure each method is correct and complete Stress testing, to ensure the application scales to many users



TDD is meant to augment, rather than replace, other forms of testing

	Question 9 1 / 1 pts
	Once an assertion fails within a test case of a unit test, what happens next?
	Testing pauses for the programmer to decide whether to continue or not
Correct!	That test case immediately halts; other test cases continue as normal
	All the test cases in the same test suite are immediately halted
	That test case continues, counting how many subsequent assertions pass or fail

	Question 10	1 / 1 pts
	In unit testing, what is the purpose of an assertion?	
	To display an output message during the testing process	
	To stop the testing process once everything has passed	
	To force an outcome to be a specified result	
Correct!	To make a statement or claim about certain expected truths	

Quiz Score: 9 out of 10