

CMPT 276

Lab 4

Quiz Review

General

1. First Name *

Christopher

2. Last Name *

Shannon

3. Student ID *

301540245

4. Select the topic you're submitting questions for *

You'll be required to submit this form 3 different times, one time per each chapter

☐ Github Features

☐ CI/CD

☒ Code Testing

True/False Question

5. T/F Question: *

In white-box testing, the tester has no knowledge of the internal code structure and only focuses on the external behavior of the software.

6. T/F Answer *

Select the answer to the question that you wrote

☐ TRUE

☒ FALSE

7. T/F Answer Rational *

Provide an explanation as to why the answer to the question is TRUE or FALSE + reference you use (use lecture and slide number)

What is described is black box testing

Multiple Choice Question

8. M/C Question: *

Write out the question text (do NOT include the "options" in this box, use the next 4 text boxes instead)

What is the primary goal of unit testing in software development?

9. M/C Question - Option A (correct answer) *

Input the correct answer here i.e. the answer to the question without the rational

Verifying the correctness of individual sections of code

10. M/C Question - Option B *

Input an incorrect answer here

Testing the entire application

11. M/C Question - Option C *

Input an incorrect answer here

Ensuring the user interface is functional

12. M/C Question - Option D *

Input an incorrect answer here

Debugging the entire codebase

13. M/C Answer Rational

*

Provide an explanation as to why option A is the answer to this question and/or why other options (B, C, D) are incorrect + reference you use (use lecture and slide number)

the goal of unit testing to separate your program into many different parts testing each one individually.

Short Answer

14. Short Question: *

What is the purpose of test automation?

15. Short Question Answer *

Write the answer to the question + reference you use (use lecture and slide number)

the main importance for automating testing is saving time. Also it helps eliminate mistakes in testing compared to doing it manually.

Long Answer

16. Long Question: *

What is test driven development?

17. Long Question Answer *

Write the answer to the question + reference you use (use lecture and slide number)

1. write a failing test
2. make test pass do not matter how nice code is
3. fix code

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