Quiz 4 - Test Infected - Results   ✕

Attempt 2 of 2

Written Feb 2, 2024 7:31 AM - Feb 2, 2024 7:43 AM

Attempt Score	🟩 **4 / 5 - 80 %**
Overall Grade (Highest Attempt)	🟦 **5 / 5 - 100 %**

Question 1   1 / 1 point

According to the authors (Kent Beck and Erich Gamma), various developers face the problem of not testing their code appropriately. Mark the options that best describe the consequences of not testing their code, according to the authors.

- ☑ Developers write less tests, which leads them to feel less productive.
- ☐ Developers work with less stable code, which leads them to navigate in the dark.
- ☐ Developers feel more pressure, which leads them to turn their releases later.
- ☑ Developers feel more pressure, which leads them to write less tests.
- ☐ Developers write less tests, which leads them to focus on short-term goals.
- ☑ Developers write less tests, which leads their code to be less stable.
- ☐ Developers work with less stable code, which leads them to be more courageous to change existing code.

Question 2   1 / 1 point

According to the authors (Kent Beck and Erich Gamma), some elements are important in a JUnit test case. Mark the option that contain those elements.

Select 3 correct answer(s)

- ☐ Reviewing the code to find potential bugs.
- ☐ Verifying the results by means of printouts.
- ☑ A fixture of the objects that will interact during the test.
- ☐ Verifying the results by means of debugging.
- ☑ Exercising the test fixture.
- ☑ Verifying the results by means of assertions.

Question 3   1 / 1 point

According to the authors (Kent Beck and Erich Gamma), the setUp method may be used in a test case. Mark the option that best describes the setUp method.

○ A method to prepare a test suite as a sequence of test cases.

● A method to provide a common fixture for running different test cases.

○ A method to clean up the test fixture after the test.

○ A method to provide a fixture for running only one test case.

○ A method to exercise the assertions of the test case.

Question 4   1 / 1 point

According to the authors (Kent Beck and Erich Gamma), in JUnit tests may be found by means of the Java reflection mechanism. Mark the option that best defines this process.

● Use a string with the test case name to dynamically find the test case method and invoke it.

○ Use the static suite() method to statically find the test case method and invoke it.

○ Use the test.textui.TestRunner to dynamically find the test case method and invoke it.

○ Use the addTest method with an anonymous inner class to dynamically find the test case method and invoke it.

Question 5   0 / 1 point

According to the authors (Kent Beck and Erich Gamma), JUnit offers an interface to run the test cases defined by the developer. Mark the correct options about the JUnit interface.

☑ The graphical user interface shows the testing progress in a progress bar.

☐ Failed tests are not shown in the graphical user interface, only in the text-based interface.

☑ The text-based interface allows running the test cases in batch.

☑ Clicking on the button Show in the graphical user interface shows the expected and actual values of the test case assertion.

Done