

Code github link: <https://github.com/Bagabandi152/Mobile-Programming/tree/main/Lab03>

Task 3.1

Question 1

Run the SimpleCalc app without the debugger. Leave one or both of the EditText elements empty, and try any calculation. Why did the error occur?

`java.lang.NumberFormatException: empty String`

W/OpenGLRenderer: Failed to choose config with
EGL_SWAP_BEHAVIOR_PRESERVED

The app may be doing too much work on its main thread.

The code cache capacity was increased to 128KB.

Question 2

Which function do you perform in the Debug pane in order to execute the current line where the breakpoint is, and then stop at the next line in the code? Choose one:

Step Into

Step Over

Step Out

Resume

Question 3

Which function do you perform in the Debug pane in order to jump to the execution of a method call from the current line where the breakpoint is? Choose one:

Step Into

Step Over

Step Out

Resume

Task 3.2

Question 1

Which statement best describes a local unit test? Choose one:

Tests that run on an Android-powered device or emulator and have access to the Android framework.

Tests that enable you to write automated UI test methods.

Tests that are compiled and run entirely on your local machine with the Java Virtual Machine (JVM).

Question 2

Source sets are collections of related code. In which source set are you likely to find unit tests? Choose one:

app/res

com.example.android.SimpleCalcTest

com.example.android.SimpleCalcTest (test)

com.example.android.SimpleCalcTest (androidTest)

Question 3

Which annotation is used to mark a method as an actual test? Choose one:

@RunWith(JUnit4.class)

@SmallTest

@Before

@Test