Queen Mary University of London
School of Electronic Engineering and Computer Science

EBU6304: Software Engineering

Lab 3: Test Driven Development (TDD)

In this lab, practice Test Driven Development (TDD) using JUnit. Remember TDD is a simple, short-cycled mechanism, so you should write your test code and product code in the following cycle:

- Write test code with the specification.
- Demonstrate test **failure**.
- Write product code to meet the specification.
- Demonstrate test **success**.
- Refactor the code, to ensure that the system still has an optimally clean code base.

Exercises:
1. Write the StudentTest/Student code example from lecture notes 10. Pass all tests.
2. Refer to the lecture notes 11 of the code example CustomerTest/Customer and AccountTest/Account, write some similar Tests of your own code based on Labs 1 and 2 and pass all test.