Comp2151 Lab Exercise6: Test-Driven Development (Individual Lab)

This lab exercise is designed to introduce you into the basic concepts and tools of **Test-Driven Development** (TDD). The main goal is to identify and build tests that will be used to validate the product and assess the readiness of the features.

In TDD you build a skeleton for the class with no significant code added yet. Then, you build a test suite containing a set of tests. The following sequence of steps is generally followed:

- Add a test

- Run all tests and see if the new one fails

- Write some code

- Run tests

- Refactor code

- Repeat

As you can see, the work using TDD is done gradually. Because of that cyclic nature TDD is perfect match for the agile software development.

Please follow this C# walk through project with an implementation of the class and a few tests.

Available at: (https://docs.microsoft.com/en-us/visualstudio/test/walkthrough-creating-and-running-unit-tests-for-managed-code#BKMK_Create_the_first_test_method)

Submission Process:

Create the following two TEST methods and make sure the tests run successfully and then copy the code of the two TEST methods in Word or Pdf and upload before the deadline

- **Credit_WithValidAmount_UpdatesBalance()**
- **Credit_WhenAmountIsLessThanZero_ShouldThrowArgumentOutOfRange()**