Test Driven Development Assignment for Week 7

1. Review the problem for this assignment, posted by your professor on the class Bulletin Board in the topic *"TDD Problem"*.
2. Use Junit and Eclipse to build a program using TDD based on the problem.

   Keep a log of the steps you used and include it in the paper (see the next action item).

3. Write a one- to two-page paper in which you report your experience using TDD. Did you find it easier to debug problems? Explain why.

Submit the project exported from your Eclipse including code for both the application and the unit tests (30 points).

Submit a paper reporting your experience (20 points).

Basic Problem:

Create an application that maintains a checking account. You should assume the initial balance of the account to be $0.00. There are three kinds of operations, deposit, withdraw and balance. For example:

- Deposit(100)
- Withdraw(25.38)
- Balance() returns the current balance, which is 74.62

If there is not enough fund to withdraw, deny the withdrawal but charge a $25 fee to the account.

Here is another example,

- Deposit(100)
- Withdraw(80)
- Balance() returns 20.
- Withdraw(30)
- Balance() returns -5.
- Withdraw(10)
- Balance() returns -30.
- Deposit(100)
- Balance() returns 70.