CIS175 Java II Weekly Assessment Report for Paul Thairu

Week 2

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| **Learning Objectives:** | * How to perform unit test in java using Maven |
| **GitHub Repo:** |  |
| **Learning Resources:**  (List what resources you used throughout the week) | * Google * YouTube * Stackoverflow.com * [www.w3schools.com](http://www.w3schools.com) |
| **Evidence of Accomplishment:**  (How are you proving to the instructor that you used the learning resources and met the objectives? For example, how does the project you are submitted demonstrate the learning objective?) | * First the use of inheritance i.e. savingAccount class and checkingAccount classes inherits attributes from BankAccount class. * Learned how to setup maven project and be able to use Junit test case functionality to my user inputs and validate account balances are corrected. |
| **Criteria and Means of Validating Evidence:**  (What criteria should the instructor use to validate your evidence?) | * In the Junit test case for all tests, saving accounts and checking account , you can change the account balance, account name and account number to check the set variables object fail or pass the testing. |
| **Score Earned & Justification**  (What score out of 50 does this project deserve? Why does the project deserve the score you’ve provided?) | |  |  | | --- | --- | | **50** | **/50** |   Justification: Am able to meet all the assignment requirements i.e.   * Maven support with a pom.xml and appropriate dependency/dependencies - ***DONE*** * A Java class or two to test - ***DONE*** * Two (2) JUnit Test cases - ***DONE*** * One (1) JUnit Test Suite - ***DONE*** * At least three (3) different assertion methods used - ***DONE*** * Repo created and the whole project pushed to GitHub - ***DONE*** |
| **Conclusion:**  (Lessons learned/comments/was the learning objective met?) | * Learning object was met as am able to validate user input test and the expected account balance using unit testing instead of System.out.print results |