**CMSC203 Assignment 0**

Class: CMSC203 CRN 22313

 Program: Assignment 0

Instructor: Professor Shaw

 Summary of Description: (Give a brief description for each Program) A program that requires you to use functions to calculate the volume of a box and the volume of a Sphere.

 Due Date: 6/7/2025

 Integrity Pledge: I pledge that I have completed the programming assignment independently.

 I have not copied the code from a student or any source.

**Complete the following five parts of Assignment 0. Name your file as FirstInitialLastName\_Assignment0.docx**

**Part1: Setup GitHub:** Provide the screen shots of your GitHub account with Assignment 0 file is uploaded on GitHub:

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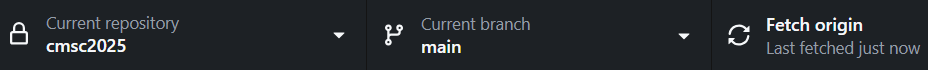
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**Part 2 -Install JDK, Test java Application from Command Line**

Provide the screen shots from Step 1 and 2 here:

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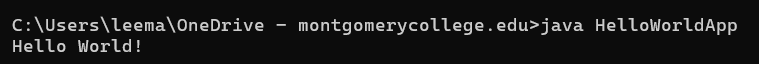


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**Part 3 - Install Eclipse, Test Eclipse Java Application**

Provide the screen shots from Step 1 and 2 here:

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**Part 4 - Install, Setup, Test Junit Program.**

Provide the screen shots showing:

* 1. Eclipse with working JUnit Test example
  2. Project screenshot
  3. Running example screenshot

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**Part 5 - Install, Setup, and Test JavaFX Application.**

Provide the screen shots showing:

1. JavaFX Project screenshot
2. Running example screenshot
3. Java Source Code File

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**Lessons Learned** <Provide answers to the questions listed below>**:**

Write about your Learning Experience, highlighting your lessons learned and learning experience from working on this assignment.

What have you learned?

What did you struggle with?

What parts of this assignment were you successful with, and what parts (if any) were you not successful with?

Provide any additional resources/links/videos you used to while working on this assignment.

**Check List:** <Provide answers to the column Y/N or N/A >**:**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** |  | **Y/N** | **Comments** |
|  | **Assignment files:** |  |  |
|  | * FirstInitialLastName\_Assignment0.docx/pdf | **Yes** |  |
|  | * Source java files | **Yes** |  |
|  | **Program compiles** | **Yes or No** |  |
|  | **Program runs with desired outputs related to a Test Plan** | **Yes or No** |  |
|  | **Documentation file: Screenshots of** |  |  |
|  | * Part1: Setup GitHub | **Yes** |  |
|  | * Part 2 -Install JDK, Test java Application from Command Line | **Yes** |  |
|  | * Part 3 - Install Eclipse, Test Eclipse Java Application | **Yes** |  |
|  | * Part 4 - Install, Setup, Test Junit Program | **Yes** |  |
|  | * Part 5 - Install, Setup, and Test JavaFX Application. | **Yes** |  |
|  | * Lessons Learned | **Yes** |  |
|  | * Checklist is completed and included in the Documentation | **Yes** |  |