**CMSC203 Assignment 0**

Class: CMSC203 CRN XXXX

 Program: Assignment 0

Instructor: Farnaz Eivazi

 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: 14/6/2022

 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:

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

Provide the screen shots from Step 1 and 2 here:

Text

Description automatically generated

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

Provide the screen shots from Step 1 and 2 here:

Graphical user interface, text, application

Description automatically generated

**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

Graphical user interface, text, application, Word

Description automatically generated

**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

Graphical user interface, text, application

Description automatically generated

**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?

Theres many ways you can run java on eclipse

What did you struggle with?

Downloading JavaFx was so difficult, as all the internet guides never had exactly what popped up on my pc

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

I was successful with most except Javafx which I just couldn’t figure out, and since I did the project late could not ask for help with.

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

**<https://www.youtube.com/watch?v=bk28ytggz7E>**

[**https://www.youtube.com/watch?v=U5JOUS34Wuo**](https://www.youtube.com/watch?v=U5JOUS34Wuo)

**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 or No** |  |
|  | * 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. | **No** |  |
|  | * Lessons Learned | **Yes or No** | **I think I learned the lessons** |
|  | * Checklist is completed and included in the Documentation | **Yes** |  |