**CMSC203 Assignment 0**

Class: CMSC203

 Program: Assignment 0

Instructor: Ahmed Tarek

 Summary of Description: Assignment consisted of setting up the fundamental steps needed for the continuation of the computer science course.

 Due Date: 1/31/2021

 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:**

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

**A screenshot of a computer

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

Provide the screen shots from Step 1 and 2 here:

**Text

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**Text

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

Provide the screen shots from Step 1 and 2 here:

**Graphical user interface, text, application

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**Graphical user interface, application, Word

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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

**Graphical user interface, text, application

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**Graphical user interface, text, application

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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

**Graphical user interface, application

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**Graphical user interface, text, application

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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?

I learned how to navigate, compile, and run on a CMD for the java apps. I also learned how JavaFX and Junit testing works.

What did you struggle with?

I struggled with some of the directions from Junit and Javafx. There was a crucial step missing in one of them and I had to look up a video in order to catch what I needed to do.

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

I was successful with the majority of the project, like being able to find out and fill in the gaps in some of the instructions. In reality, my biggest lacks of success comes from the amount of time it took me to completely finish assignment 0.

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

[**https://youtu.be/SDwqcFwvwY0**](https://youtu.be/SDwqcFwvwY0)

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

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