Renzo Svartz

Lab 1, CMSC 203 Prof. Gary Thai

Part 1:

//Eclipse running

Graphical user interface, text, application

Description automatically generated

//MyFirstClass

Graphical user interface, application, Word

Description automatically generated

//Zoomed in screenshot of code

Graphical user interface, text, application

Description automatically generated

Part 2:

//javacText

Description automatically generated

//java HelloWorldApp

Text

Description automatically generated with medium confidence

Part 3:

//Project Screenshot

Graphical user interface, text, application

Description automatically generated

//Running example Screenshot

Graphical user interface, text, application

Description automatically generated

//Zoomed in

Graphical user interface, text, application

Description automatically generated

Part 4:

//Repo

A screenshot of a computer

Description automatically generated

Part 5:

//JavaFX project and Main.java Source Code

Graphical user interface, text, application

Description automatically generated

//Controller.java Source code

Graphical user interface, text, application

Description automatically generated

//HelloFX.fxml code

Graphical user interface, text, application

Description automatically generated

//Running Example

Graphical user interface, text, application

Description automatically generated

Write Up:

This project taught me how to compile Java files in the command prompt, and exposed me to JUnit and JavaFX. Although I do not understand them now what they are used for, I have dipped my toes in the water so to speak. I struggled with the JUnit and JavaFX parts. There were gaps left in the instructions, regarding how I was using the instructions to complete each tasks. Also, although I could go and find context on my own, I believe I struggled to understand what I was doing because I was not given any context about what JavaFX and JUnit are used for, and more specifically how the code we were provided perform their objectives, besides the obvious that JUnit is used for some kind of unit testing on programs. I believe I was successful with all parts of the assignment. I enjoyed seeing the programs run. Ultimately, the lab was not difficult, rather it was abstract to me and contained lots of debugging for the few tasks we were assigned. I look forward to learning more about all of this and programming.

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| --- | --- | --- | --- |
| **#** |  | **Y/N** | **Comments** |
|  | **Assignment files:** |  |  |
|  | * FirstInitialLastName\_Assignment0.docx/pdf | **Yes or No** |  |
|  | * Source java files | **Yes or No** |  |
|  | **Program compiles** | **Yes or No** |  |
|  | **Program runs with desired outputs related to a Test Plan** | **Yes or No** |  |
|  | **Documentation file: Screenshots of** |  |  |
|  | * **Part 1 - Install Eclipse, Test Eclipse Java Application** | **Yes or No or N/A** |  |
|  | * **Part 2 -Install JDK, Test java Application from Command Line** | **Yes or No** |  |
|  | * **Part 3 - Install, Setup, Test Junit Program** | **Yes or No or N/A** |  |
|  | * **Part4: Setup GitHub** | **Yes or No** |  |
|  | * Part 5 - Install, Setup, and Test JavaFX Application. | **Yes or No or N/A** |  |
|  | * Lessons Learned | **Yes or No** |  |
|  | * Checklist is completed and included in the Documentation | **Yes or No** |  |