**CMSC203 Assignment 0**

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Class: CMSC203 CRN XXXX

 Program: Assignment 0

Instructor:

 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.

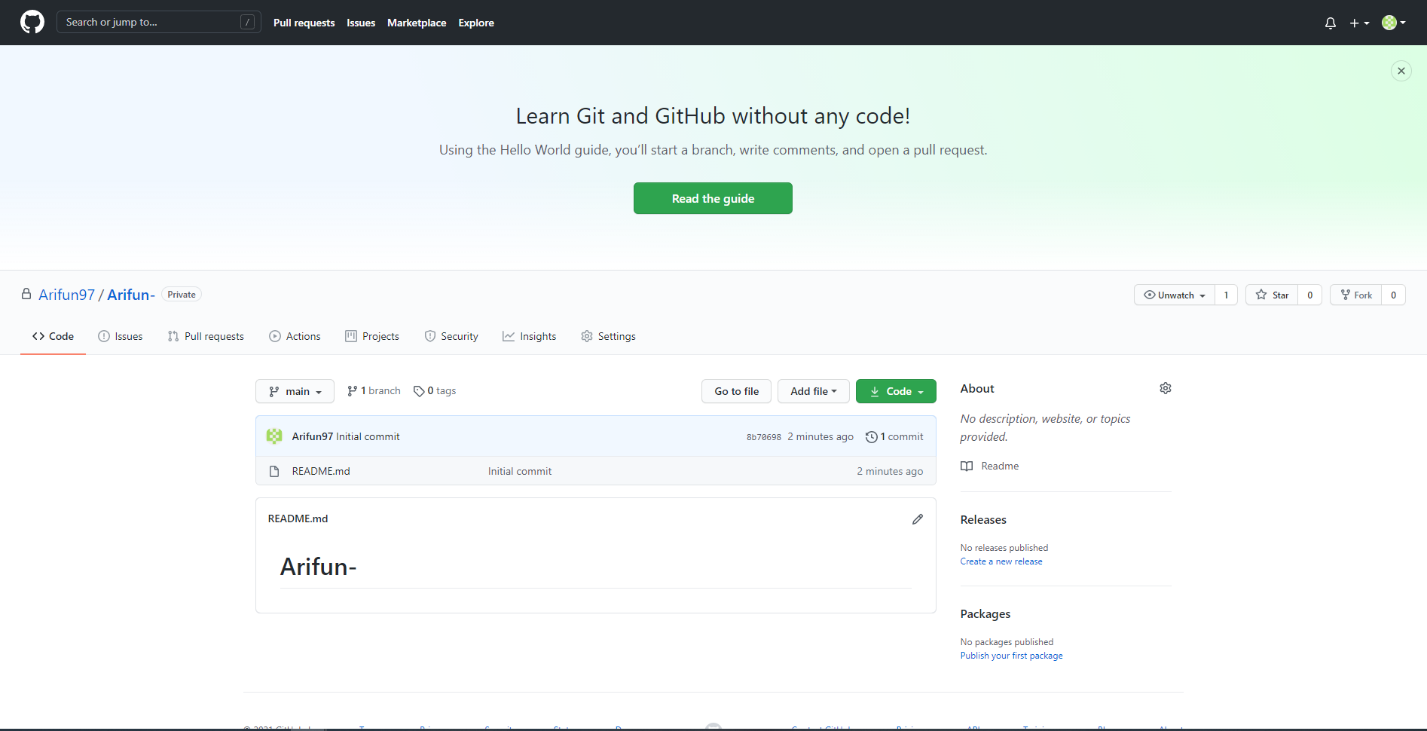
 Due Date: MM/DD/YYYY (<02/02/2021>)

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

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

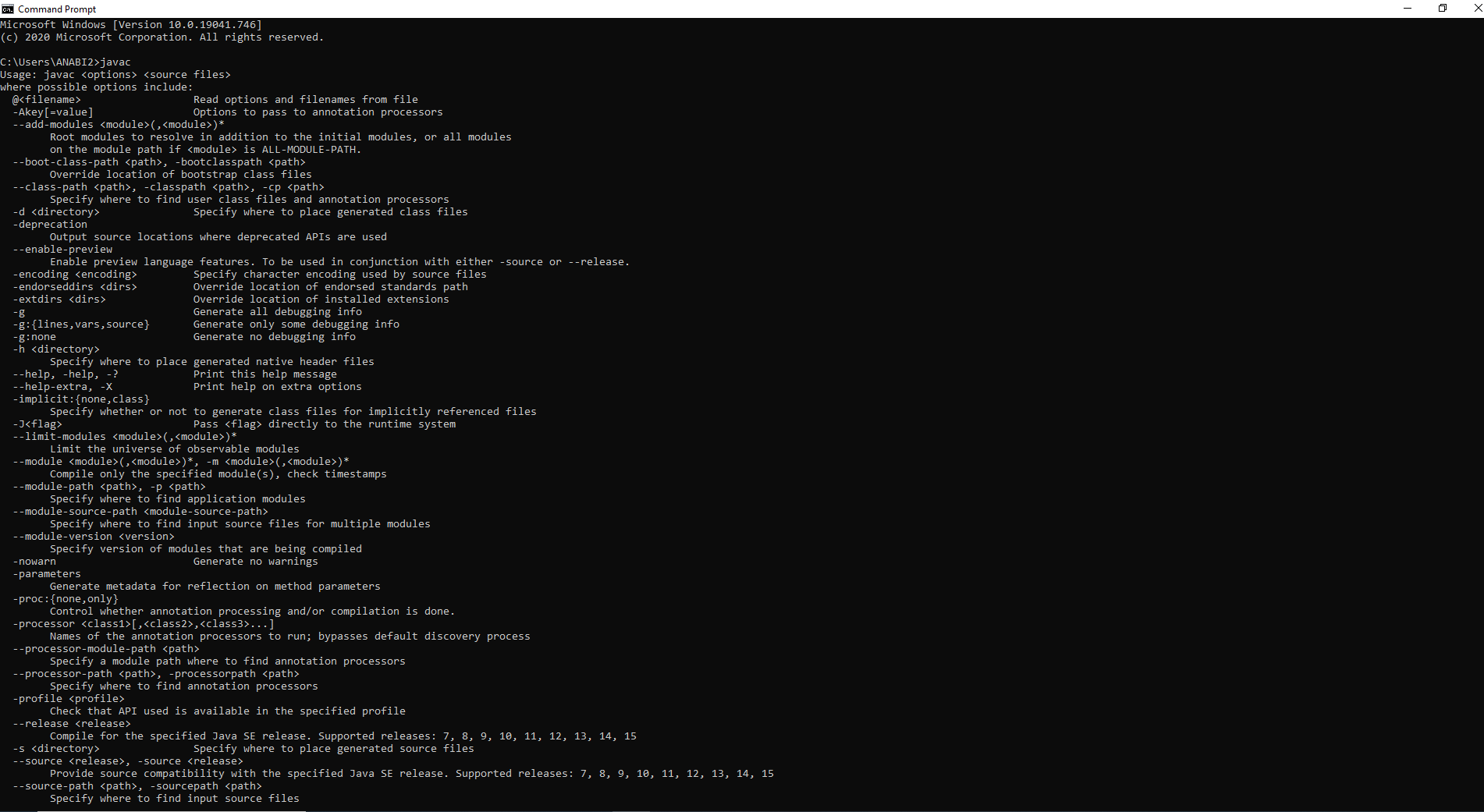
**Complete the following five parts of Assignment 0:**

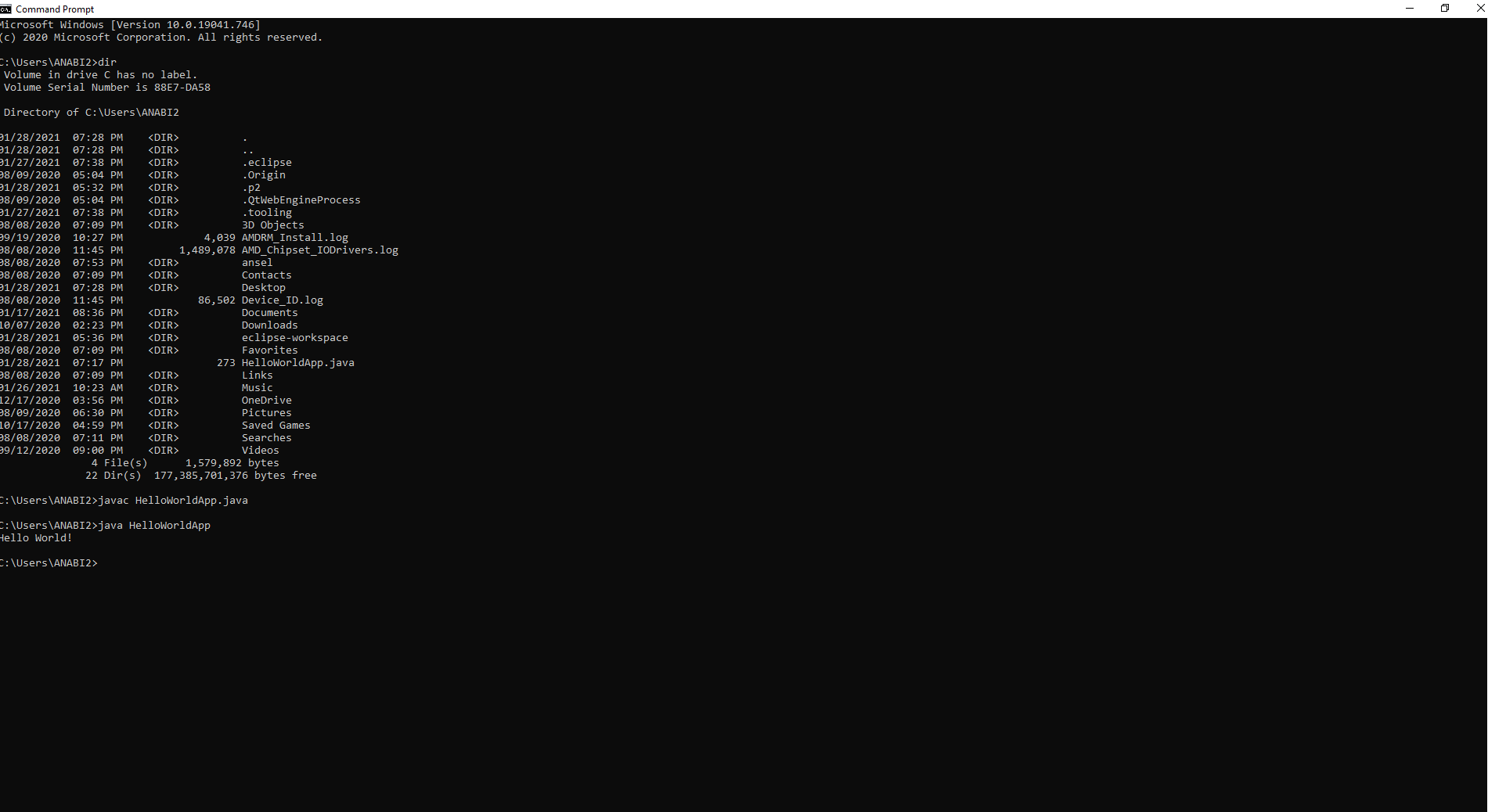
**Part1: Setup GitHub:** Provide the screen shots of your GitHub account with Assignment 0 file is uploaded here:

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

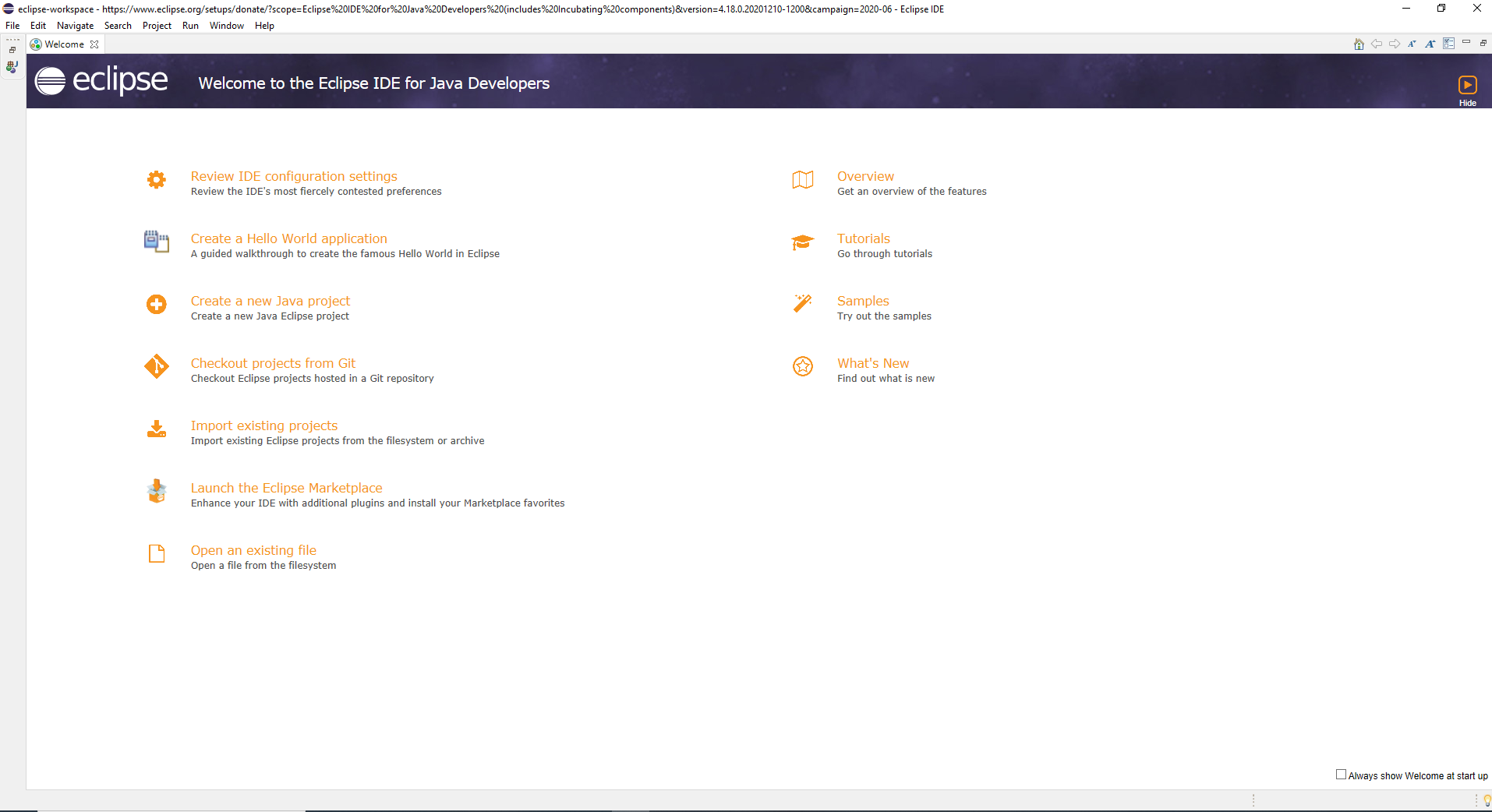
Provide the screen shots from Step 1 and 2 here:

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

Provide the screen shots from Step 1 and 2 here:

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**Graphical user interface, application, Word

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, application

Description automatically generated

**Graphical user interface, text, application

Description automatically generated**

**Graphical user interface, application

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**

**Graphical user interface, application

Description automatically generated**

**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? I learned how to install Eclipse, JavaFX, JUnit, JDK, GitHub. I also learned how to start using them and how it works.

What did you struggle with? I struggled with installing Junit but after watching a video I figured it out.

What parts of this assignment were you successful with, and what parts (if any) were you not successful with? I was successful to install and run all the parts.

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

**<https://www.youtube.com/watch?v=tkzJsP7NP54&ab_channel=ProgrammingKnowledge>**

[**https://www.youtube.com/watch?v=IJ-PJbvJBGs&ab\_channel=ProgrammingKnowledge**](https://www.youtube.com/watch?v=IJ-PJbvJBGs&ab_channel=ProgrammingKnowledge)

[**https://www.youtube.com/watch?v=bC4XB6JAaoU&ab\_channel=JavaCodingCommunity-ProgrammingTutorials**](https://www.youtube.com/watch?v=bC4XB6JAaoU&ab_channel=JavaCodingCommunity-ProgrammingTutorials)

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

|  |  |  |  |
| --- | --- | --- | --- |
| **#** |  | **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** |  |  |
|  | * Part1: Setup GitHub | **Yes or No** |  |
|  | * Part 2 -Install JDK, Test java Application from Command Line | **Yes or No** |  |
|  | * Part 3 - Install Eclipse, Test Eclipse Java Application | **Yes or No or N/A** |  |
|  | * Part 4 - Install, Setup, Test Junit Program | **Yes or No or N/A** |  |
|  | * 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** |  |