IDE = Integrated Development Environment = where Java developers can write, save, debug, and test your code iteratively

The IDE recommended is Eclipse.

How to install Eclipse on your computer so you can get started with Java programming-
1. Install a JDK
    a. A JDK is a Java Development Kit which has various tools that help with building applications with Java programming language.
2. Download Eclipse
    a. Make sure that you choose the right operating system.
        i. If you have Windows laptop, choose Windows operation. Similarly, install iOS version for laptop with iOS and same thing for Linux.
    b. Click on the download button
        i. https://www.eclipse.org/downloads/
3. Go through all the steps of the installer and proceed with default settings unless you have some preferences. Make sure you know where the files are located when going through this procedure.
    a. Make sure to unzip/extract all items of the file in the end!
4. Start the IDE and begin coding!

Additional video which you may find helpful for guiding you through this process of setting up IDE and creating Hello World project-
https://www.youtube.com/watch?v=NZ38tlhtQgw

Tour of Eclipse -

After creating your Hello World project, create a new project for each week and label it the topic we covered. Ex - Week 2 - "Searching and Sorting Algos". Then, for each folder, create a new class and try running your code for the classes you created. The theoretical concepts are in all of the slides and the code you can access through the other tutorials I posted on the Github page. This code will help you visualize how the theoretical aspects discussed in class look like when running your program.