# **An Introduction to Eclipse-Java**

This guide details how to use Eclipse. If this is your first project, please follow the steps outlined in this guide consecutively. Unless otherwise instructed, create a project called “HelloWorld”

## ***Launching Eclipse***

1. Double-Click on the “Eclipse” Icon on your desktop
2. The Splash Screen will show, and may be followed almost immediately by an error dialog. The error dialog will read “Workspace in use or cannot be created, choose a different one.” This is perfectly normal. Press OK.
3. A new dialog box will pop up called “Workspace Launcher.”
   1. Click Browse, navigate to your H: drive, and make a new folder called “Eclipse”
   2. Press OK.
   3. Make sure “Use this as the default and do not ask again” is checked.
   4. Press Ok
4. Eclipse will then finish loading. You will be presented with a welcome screen. Press the “Go to Workbench” button (use the tool tips).

## ***Creating a Project***

1. Open Eclipse, if it is not already.
2. Go to File 🡪 New 🡪 Project
   1. A dialog box will pop up. Select “Java Project” (the very first entry), and press “Next”
   2. Type in the Project’s name, and then press “Finish”

## ***Creating a Class***

1. Open Eclipse, and a project, if it is not already
2. Go to File 🡪 New 🡪 Class
3. Name the Class, as necessary
   1. Set the Superclass, if necessary (leave alone if unknown)
   2. If this is the first class in the project, place a check mark next to “public static void main(String args[])”
4. Press Finish

## ***Writing your first Program***

1. Follow the instructions above to create a project called “HelloWorld” with a class called “HelloWorld”
2. HelloWorld.java should automatically open. In the body of the “main” write the following code:
   1. System.out.println(“Hello World”);
3. Go to the Run 🡪 Run as 🡪 Java Application
4. Your program should have run, and the output should be at the bottom. If it is not, go to Window 🡪 Show View 🡪 Console