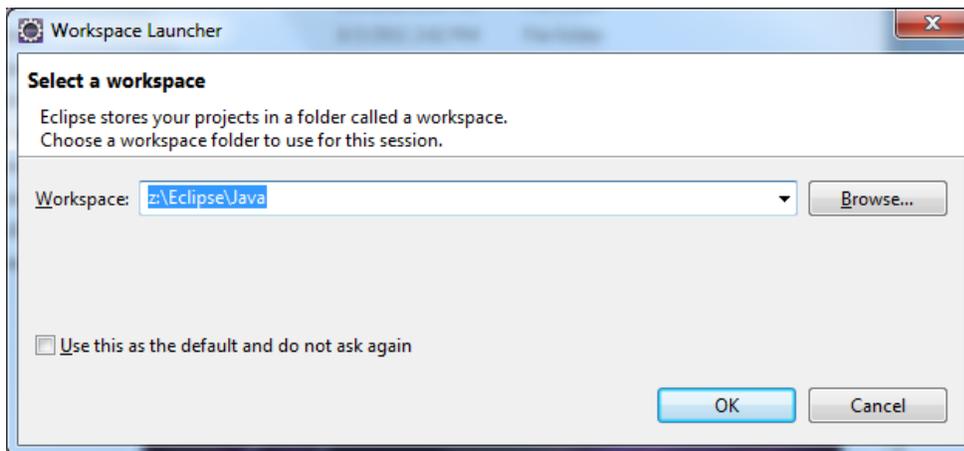


Eclipse (Indigo) Instructions For Java Programs

Getting Started

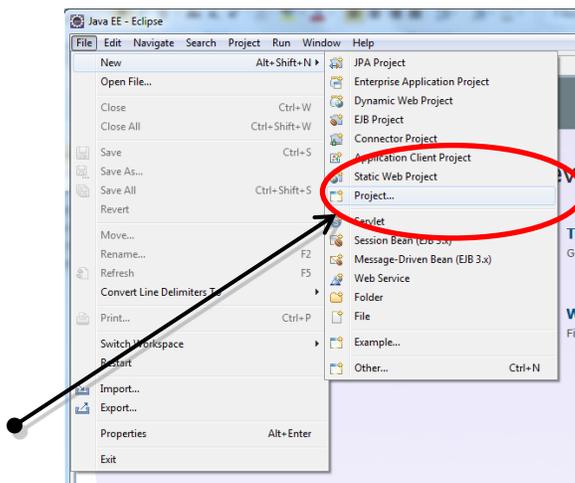
1. Before you begin working with Eclipse you must first define your workspace using the Workspace Launcher dialog box. At this point you will need to instruct Eclipse as to where your Java Projects are going to be saved and/or are stored. When you are working in the Business/CS Computer Lab and Classrooms, make sure that you specify whether your files are located in either your Home Directory (Z: drive) or your USB drive.



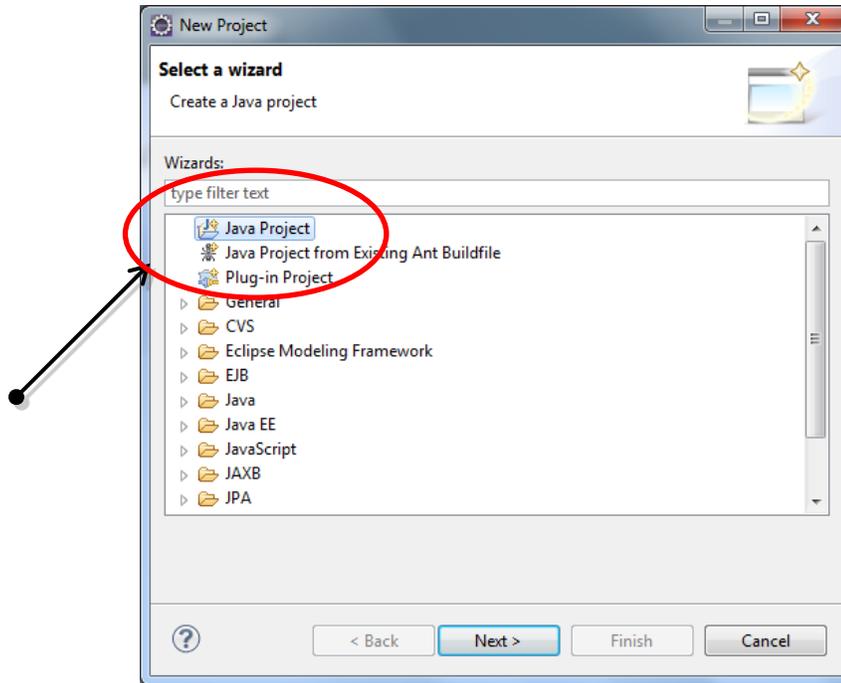
2. Press **OK** to continue.

Creating a NEW Java Project

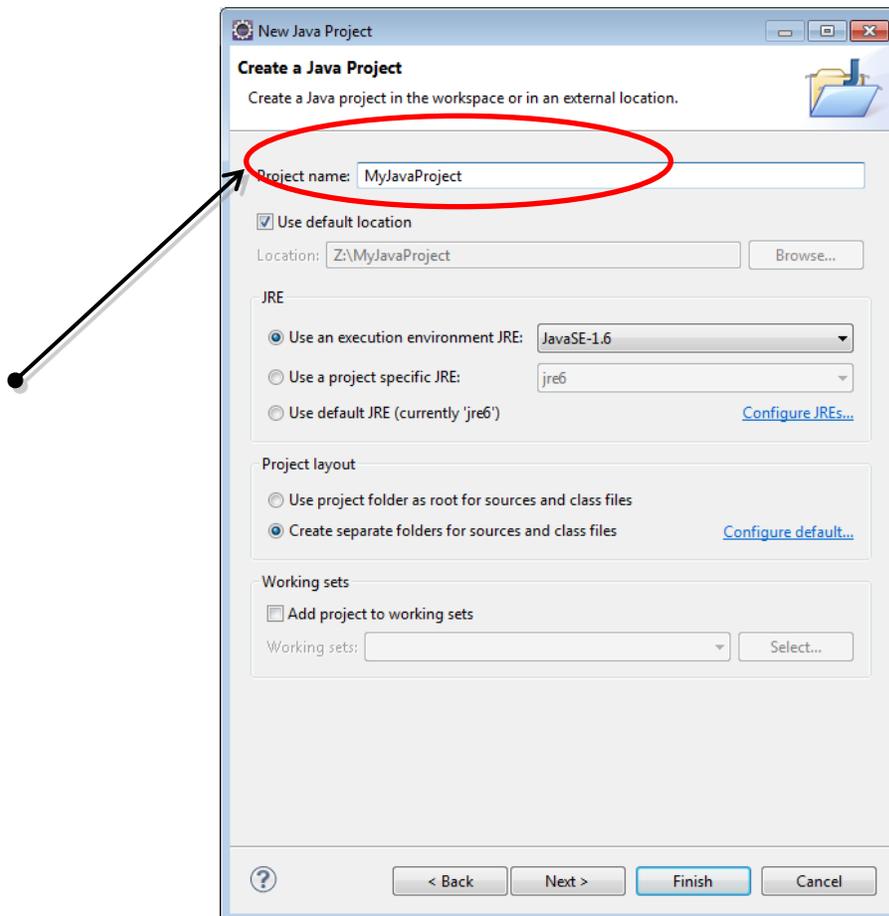
1. Select **File > New > Project..** from the main menu. This will open the **New Project** dialog box.



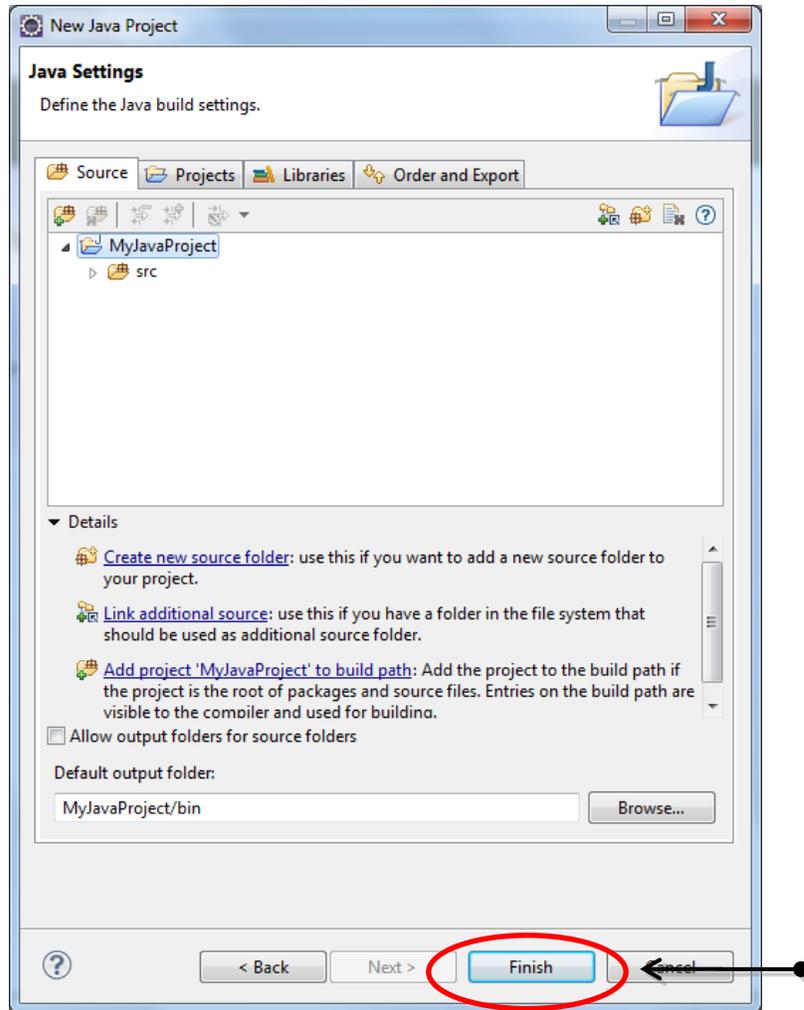
2. Select the **Java Project** from the list of project types in the **New Project** dialog box.



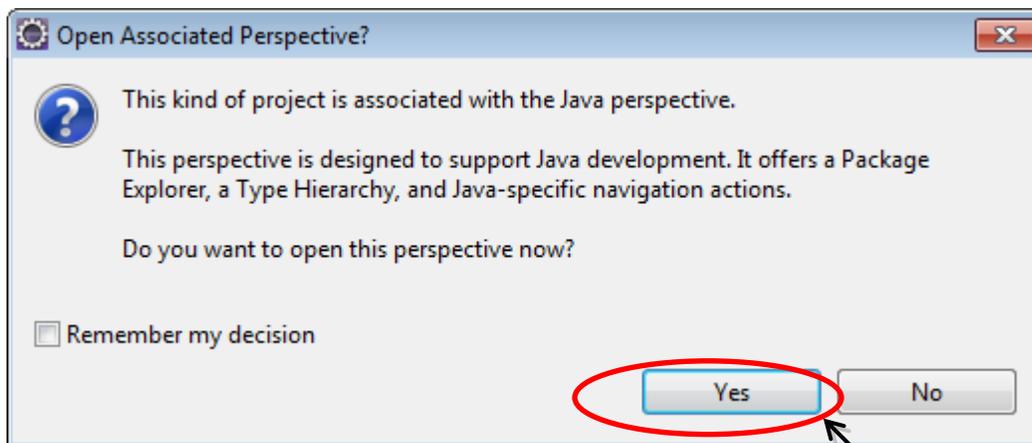
3. Press the **Next** button to continue.
4. Enter the **Name** of your **NEW** Java project in the **Project Name** field in **New Java Project** dialog box.



5. Press the **Finish** button to complete the Java Project setup process.

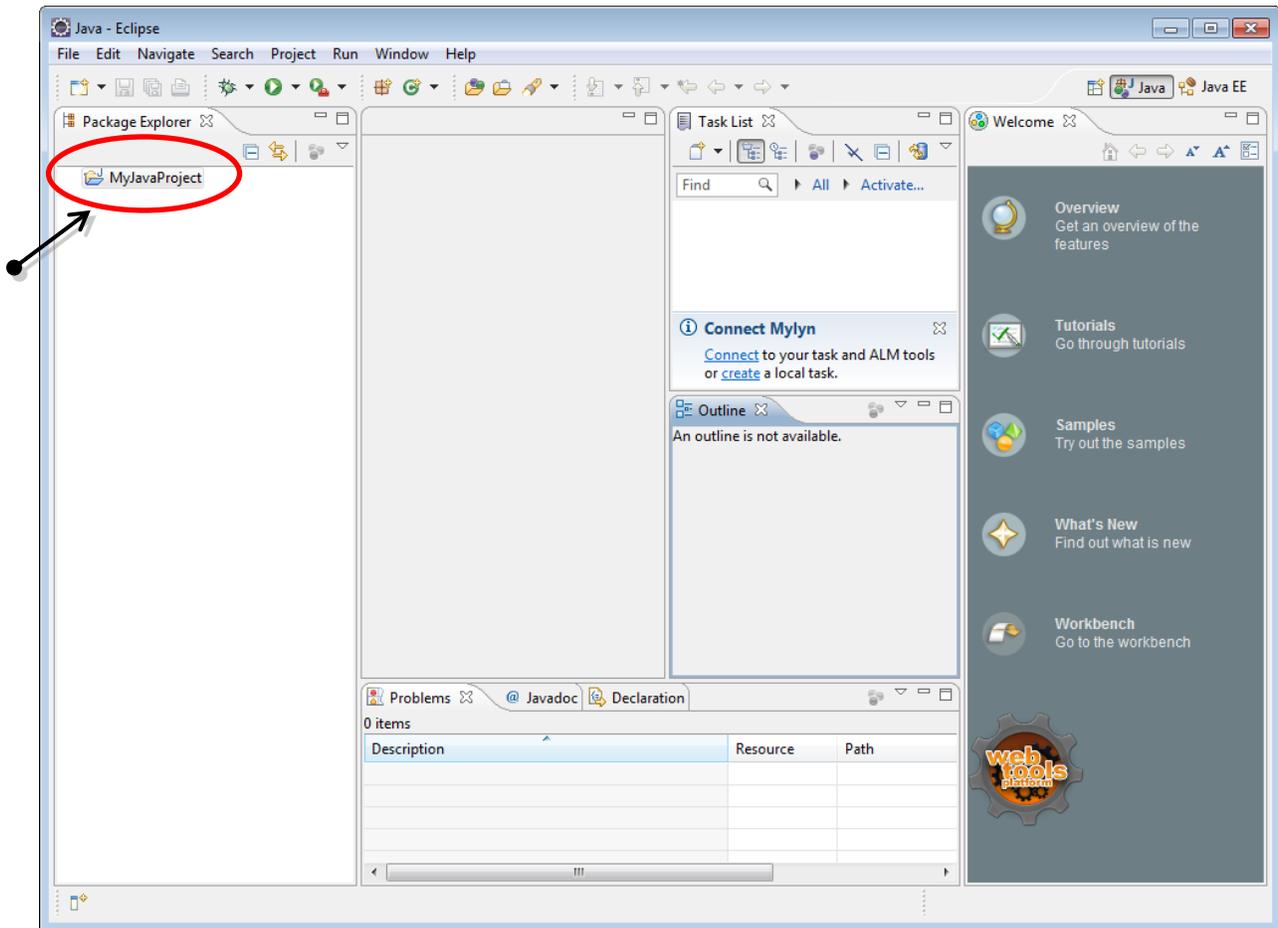


Your will then be prompted by the following dialog box:

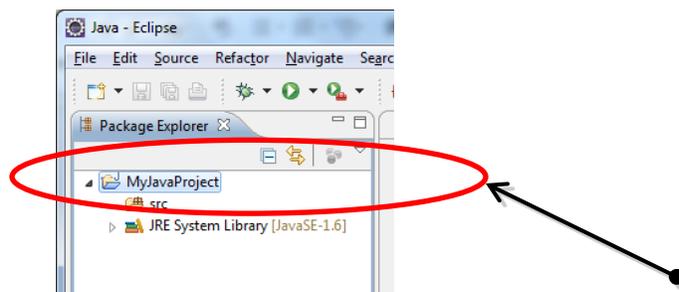


6. Press the **Yes** button to continue.

At this point in time your **NEW** Java Project should appear as an asset in the **Package Explorer** panel on the left hand side of your **Eclipse** application window.



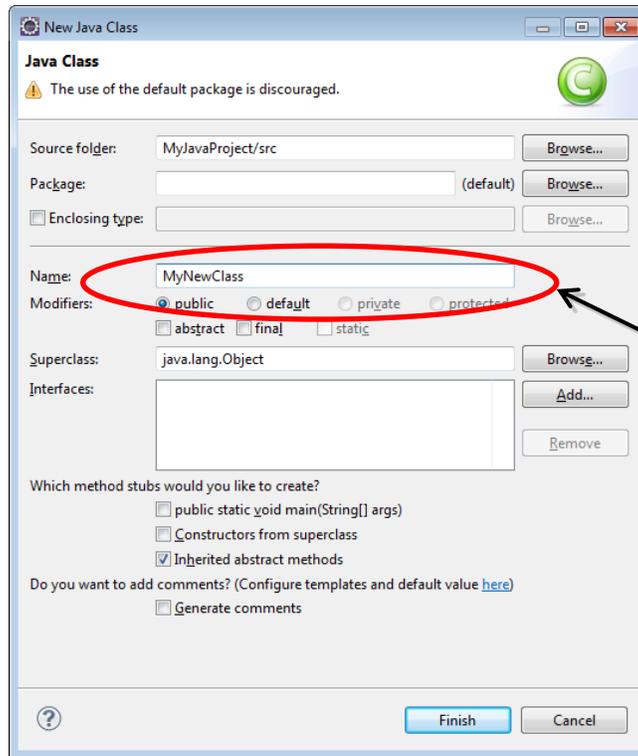
7. Click on the  to expand your Project so that you can see all of your Project assets.



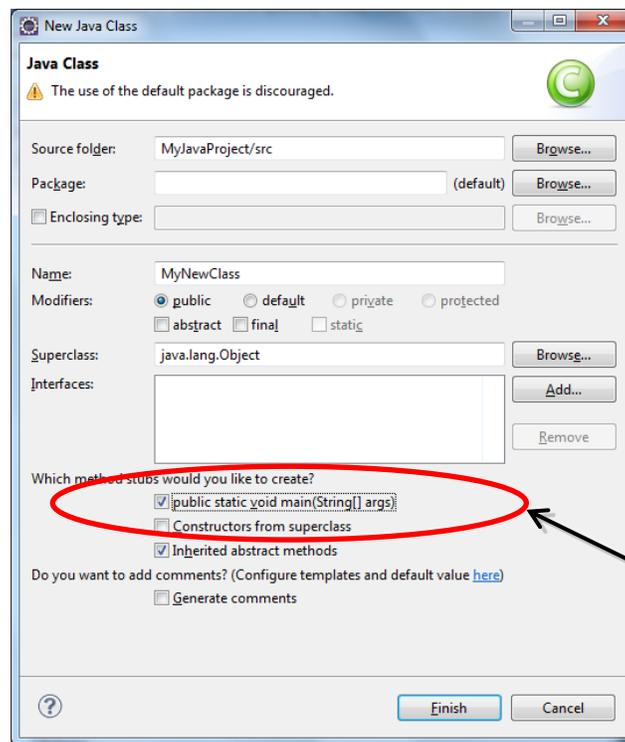
8. **Right click** on the **src** folder located in your Project folder and select **New > Class**.

A **New Java Class** dialog box should appear on the screen at this point in time.

9. In the **Name** field, enter the name of the new Class you wish to create.

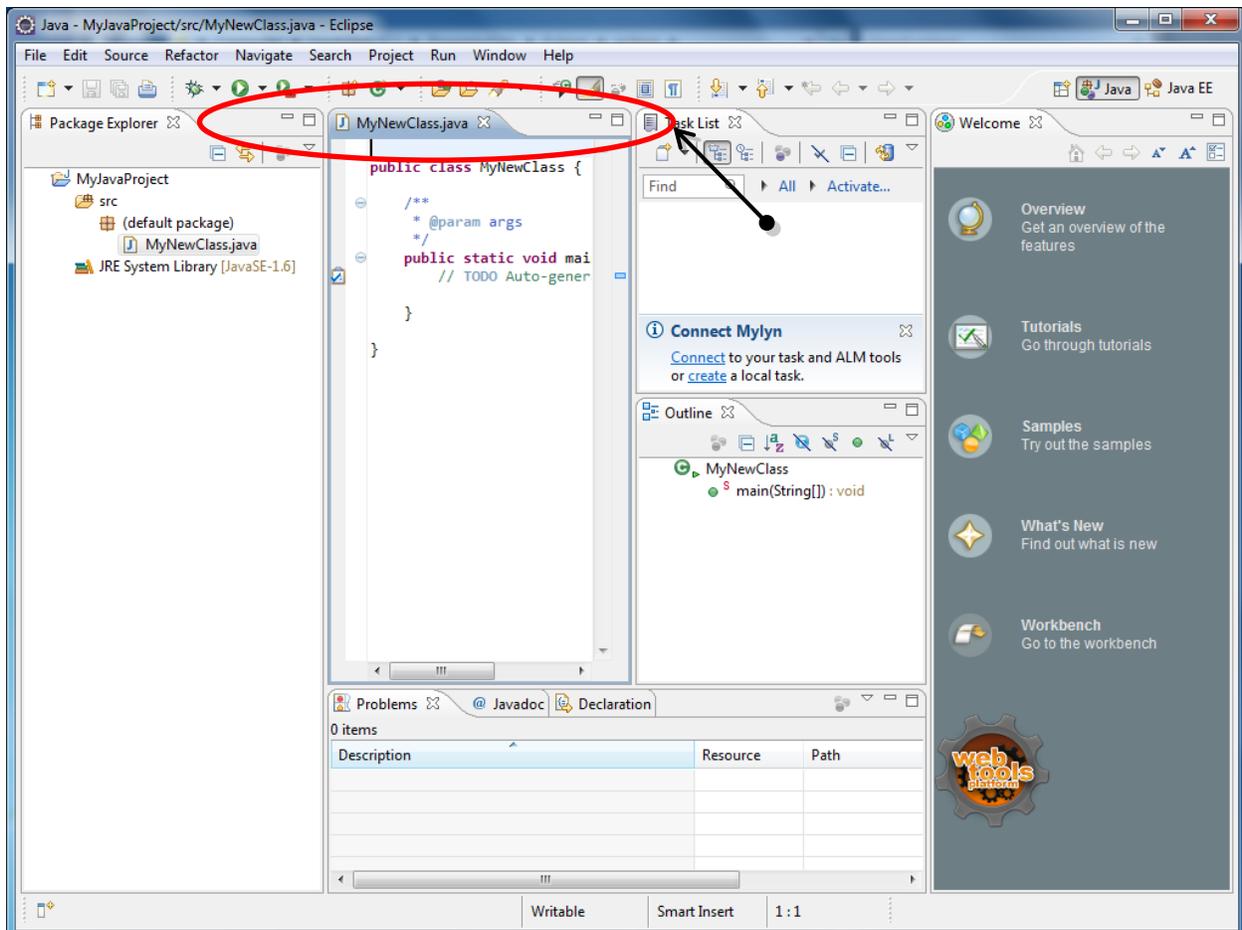


10. Next, **select the public static void main(String[] args) option** so that it is selected. This will add the main method to your program automatically.



11. Press the **Finish** button to continue and create your new Java Class.

At this point in time the **NEW Java Class** should open up in a new **Tab** in the **Eclipse application** window and you can begin adding new source code to your project. *Please note that if you require additional workspace, close the Welcome Tab – this will expand the source code editing tab.*



Saving a Java Project / Source File

1. Select the **Tab** that contains the **Source Code** you wish to save.
2. Select **File > Save** from the main menu. This will automatically save the source code in that is open in the active tab of your **Eclipse** workspace.

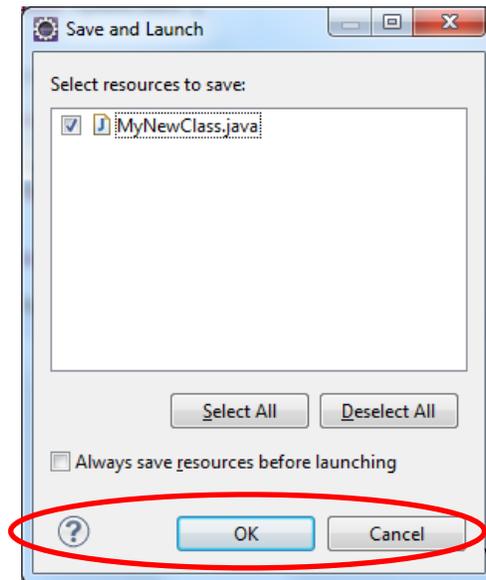
Notes About Saving Your Files

- If you want to save a copy of your source code in a new file, you will want to choose the **Save As..** option from the **File** menu.
- If you have more than one file open that you need to save, you may use the **Save All** option from the **File** menu and this will update all of your open files.
- **When saving your files in the Business/CS Computer Lab and Classrooms, make sure that you are saving your files to either your Home Directory (Z: drive) or your USB drive otherwise you may lose your documents.**

Compiling and Running a Java Program

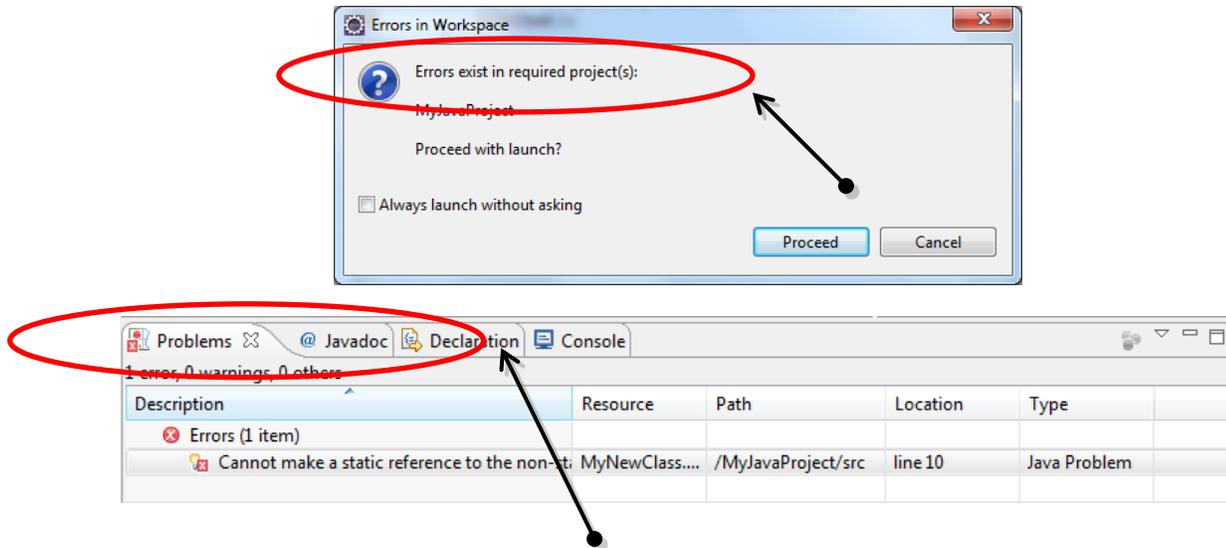
1. To **Build and Run your program**, press the Run icon () on the main menu.

The **Save and Launch** dialog box should then appear on the screen:

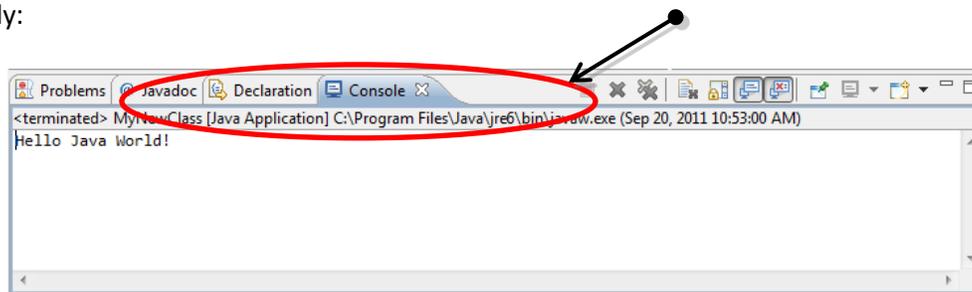


2. Press **OK** to continue.

If there are any problems with your program you will be prompted by a Errors in Workspace dialog box as well as a list of the build errors in the Problems Tab located at the bottom of your Eclipse application window.



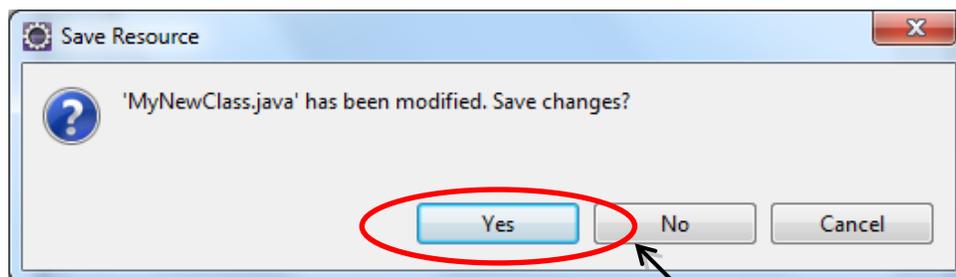
If your program has been built successfully, you will see the results at the bottom of your Eclipse application window in the **Console Tab** as shown below which indicate that your program has been built and run successfully:



Closing a Java Project

1. Select **File > Close All** from the main menu. This will close the files you currently have open in the Eclipse application window.

If the files you are closing have not been saved, you will be prompted to do so via the dialog box.



2. Press the **Yes** button to continue.

Upon confirmation, all of your open files should be closed and your File View panel should be void of information. You can now either close **Eclipse** OR open a **NEW** or existing Java Project.

Exiting Eclipse

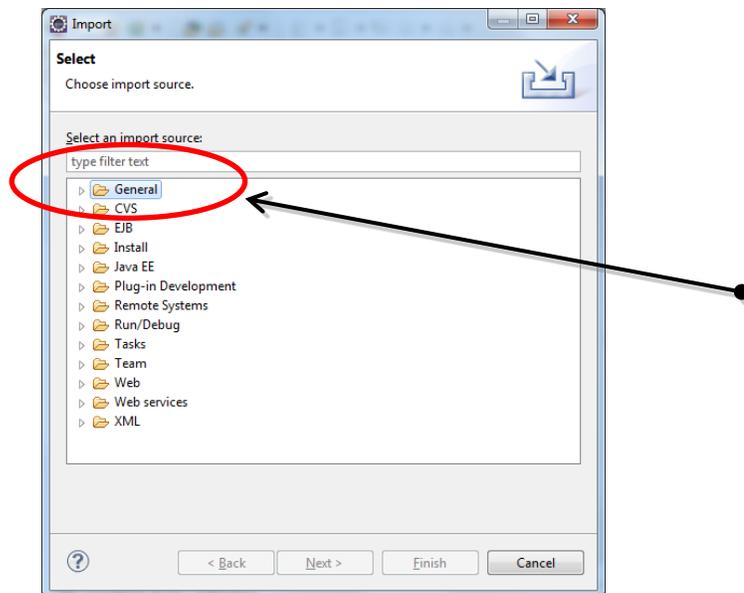
1. Select **File > Exit** from the main menu. At this point Eclipse will close.

Opening an EXISTING Java Project

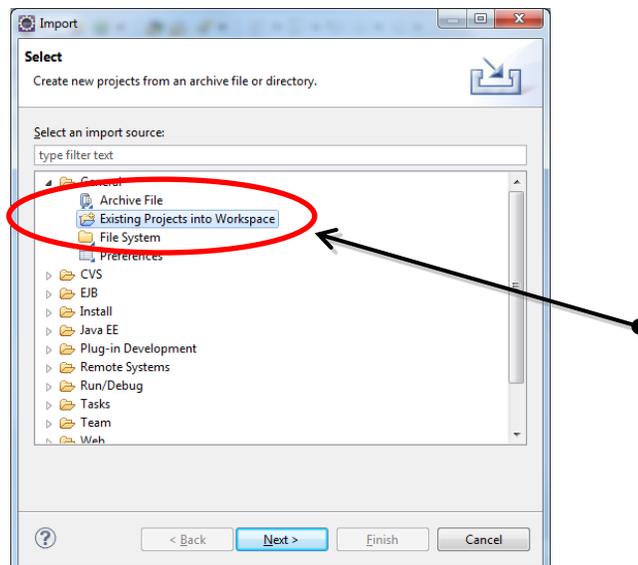
Typically Eclipse will remember any projects that you have worked on providing you have worked on them in that particular environment which means you need only find the name of the project you have worked on in the list of projects that appears in the **Project Explorer** tab.

If the project does not appear in the Project Explorer tab you will need to import the project using the following instructions:

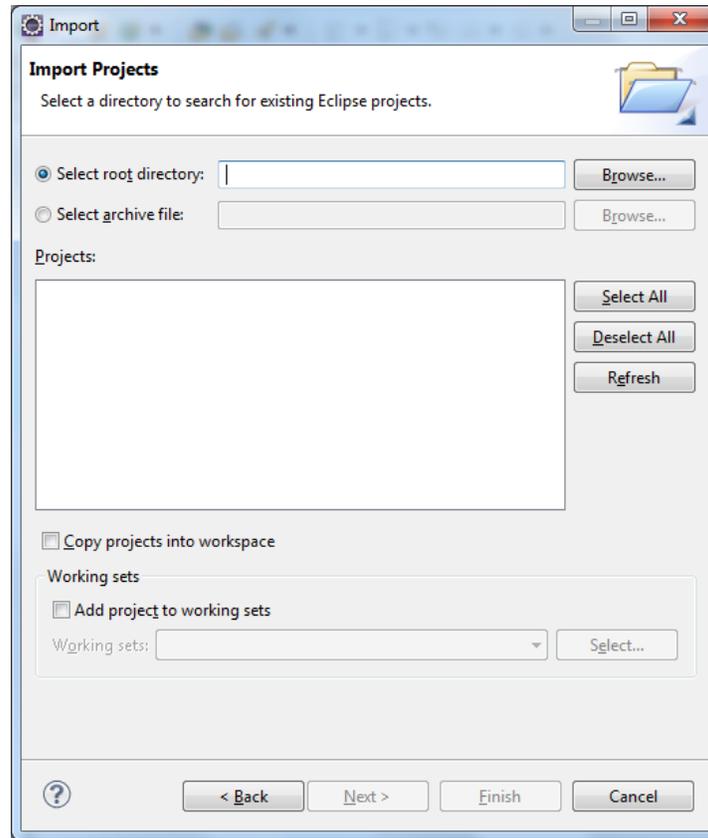
1. Select **File > Import..** from the main menu. This will open the **Import** dialog box.



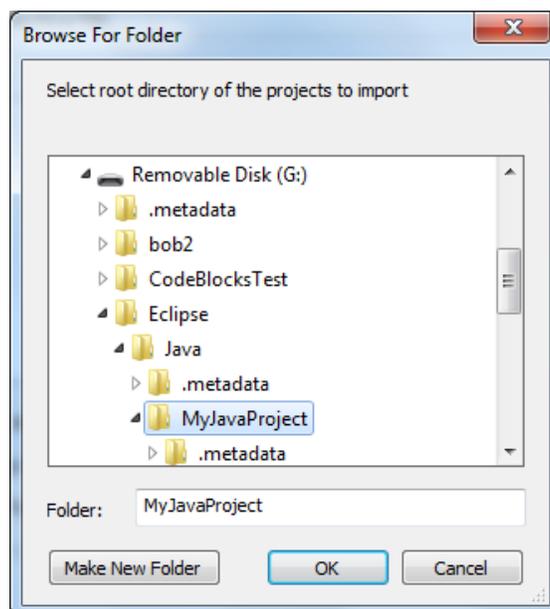
2. Expand the **General Option** and select the **Existing Projects into Workspace** option



3. Press **Next** to continue.
4. In the Import dialog box, **Select the root directory** of the Java Project you wish to import by Browsing for it using the **Browse** button

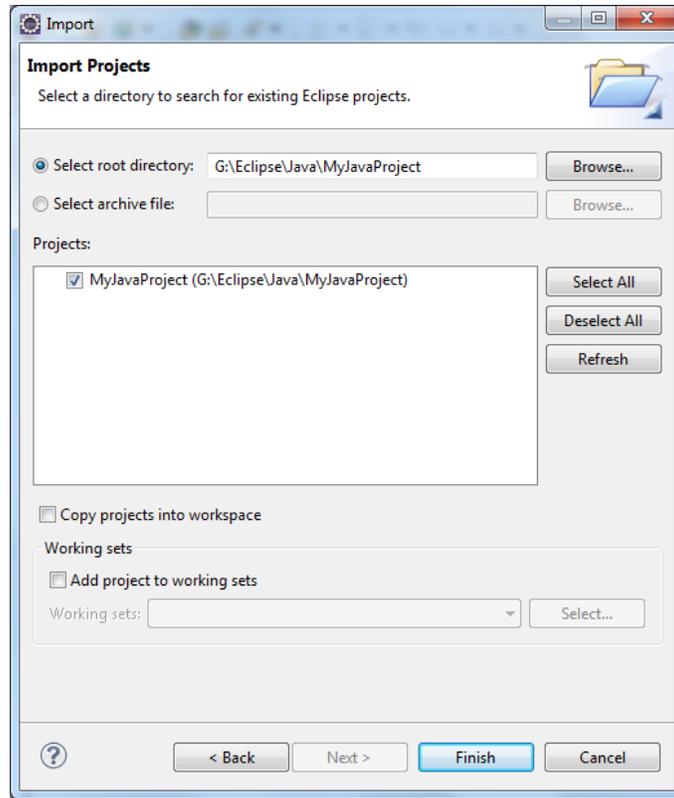


5. At this point in time you will be prompted to locate your Java Project via the Browse for Folder dialog box:



6. Press **OK** to confirm your Java Project folder.

7. In the **Import** dialog box, press the Finish button to complete the Java Project import process:



8. At this point your Project should be open in the Project Explorer tab of your **Eclipse Workspace** and you can continue adding source code to your Java Project.