

How to start using Java in Eclipse

1. If you haven't already done so, create a subfolder in your personal drive called **Java Projects**. All java projects you create for this class will be in that folder. (Use the start menu to open My Computer. Double click on the volume with your account name and then choose File → New → Folder...)
2. Start up eclipse. It can be found by clicking the **Start** menu, clicking **All Programs** and choosing the **Computer Science** submenu.
3. If the welcome screen comes up, click the X at the top to dismiss it.
4. When you are asked to select a workspace, choose the **Java Projects** folder and click **OK**. If you are not asked to do this, select File → Switch Workspace and choose the z:\Java Projects folder. If it's not listed as an option, choose other... and find the Java Projects folder by clicking Browse and finding the Java Projects folder in your Z: area.
5. Select File → New → Java Project. Be sure you choose Java Project!!! If you create some other type of project, nothing will work right. In some versions of Eclipse, you may have to choose "project..." and find Java projects among the types offered.
6. Give the new project a name, based on which project it is (e.g. Intro, MadLibs, BCD, etc.) and click **Finish**.
7. In the panel on the left side of the screen called Package Explorer, you should see a folder with the same name as your new project. Right click on this folder and choose **New → Class**.
8. Give the class a name (normally the assignment will tell you what to name your class).
9. Click **Finish**.
10. A panel will appear with the name of your class at the top. Type the java code for your class into this panel. If you make a compiler error, a red X will appear on the left of the line where the error occurred and the erroneous code will be underlined in red. If you position your cursor over this X, the syntax error message will appear. You will need to fix any errors before you run your program.
11. When you are ready to run your program, right click on your project in the **Package Explorer** pane and choose **Run As → Java Application**. Your output should appear in a pane immediately below your program.

From now on: Whenever you are going to use Eclipse, before you start working, choose **File >> Switch Workspace** and choose the Java Projects folder in your main area. Eclipse often "forgets" where it should be putting its files, so unless do this, your files could be put somewhere where it is difficult to find them later.