

Download and Installation Instructions

for

Eclipse Indigo Software for Windows

Updated October, 2012

The *TeenCoder™: Java Programming* and *TeenCoder™: Android Programming* courses use the **Eclipse Indigo** software. This software is a free IDE (Integrated Development Environment) used by students and professionals alike.

This document will guide you through the download and installation procedure for setting up the Eclipse software on your computer. This software is required for students in order to complete the course. Teachers who wish to view activity solutions or projects on their own computer are also encouraged to install this software.

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Eclipse, and related terms are all copyright by the Eclipse Foundation. Please see <http://www.eclipse.org/legal/epl/notice.php> for more details.

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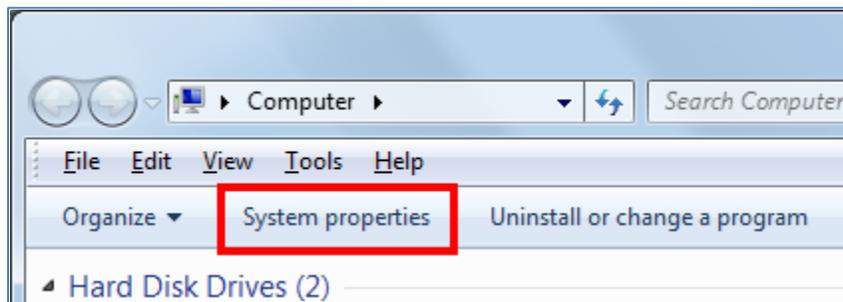
Note: All red circles below are added for emphasis and are not present on the actual pages!

Let's Get Started!

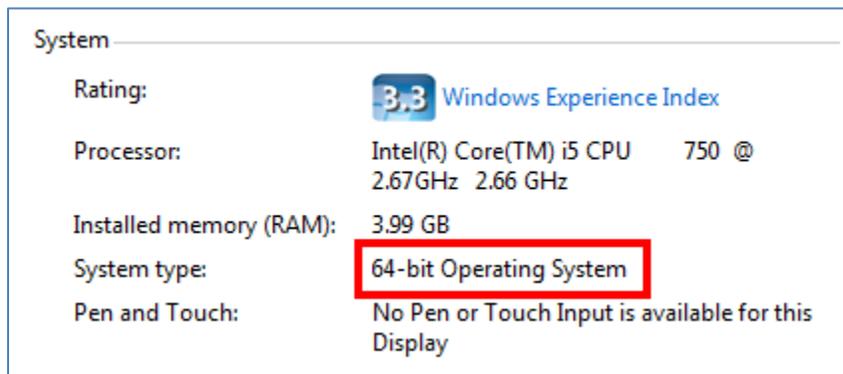
Windows Versions

The Eclipse software has two different versions: a 32-bit Windows version and a 64-bit Windows version. Before you download the software, you will need to know which version of Windows you are using. If you don't already know what version of Windows you have, you can find out fairly quickly!

First, click on "Start" and then choose "Computer" from the list of Start Menu items. On the "Computer" screen, click on the button that says "System Properties", as seen below:



This will bring up a screen with information about your computer and your version of Windows. Look for a section titled "System". This section will easily tell you what version of Windows you have installed:



Keep this information handy! We will use it to determine which version of Eclipse to download.

Downloading Eclipse

The current version of Eclipse is “Juno (4.2)”. For compatibility reasons we are using **Eclipse “Indigo (3.7)”**. Please follow these instructions carefully to ensure you get the right version!

To download *Eclipse Indigo*, launch your web browser (e.g. Internet Explorer) and go to this address: <http://www.eclipse.org/downloads/packages/release/indigo/sr2> . You will now arrive at the Eclipse Indigo download page, which should contain a section like the following:

Eclipse Indigo Sr2 Packages	
 Eclipse IDE for Java EE Developers, (212 MB) Downloaded 4,373,708 Times Details	Windows 32-bit 64-bit Mac Cocoa 32-bit 64-bit Linux 32-bit 64-bit
 Eclipse IDE for Java Developers, (128 MB) Downloaded 1,652,570 Times Details	Windows 32-bit 64-bit Mac Cocoa 32-bit 64-bit Linux 32-bit 64-bit
 Eclipse IDE for C/C++ Developers (includes Incubating components), (108 MB) Downloaded 642,533 Times Details	Windows 32-bit 64-bit Mac Cocoa 32-bit 64-bit Linux 32-bit 64-bit

Here, you will need to choose either “Windows 32 Bit” or “Windows 64 Bit”. Choose the version that matches your current version of Windows.

When you choose your version of Windows, a new screen will appear with links to download Eclipse:

Eclipse downloads - mirror selection

All downloads are provided under the terms and conditions of the [Eclipse Foundation Software User Agreement](#) unless otherwise specified.

Download eclipse-java-indigo-win32-x86_64.zip from:

 [\[United States\] Eclipse Communication Framework \(http\)](#)

Checksums: [\[MD5\]](#) [\[SHA1\]](#)  [BitTorrent](#)

...or pick a mirror site below.

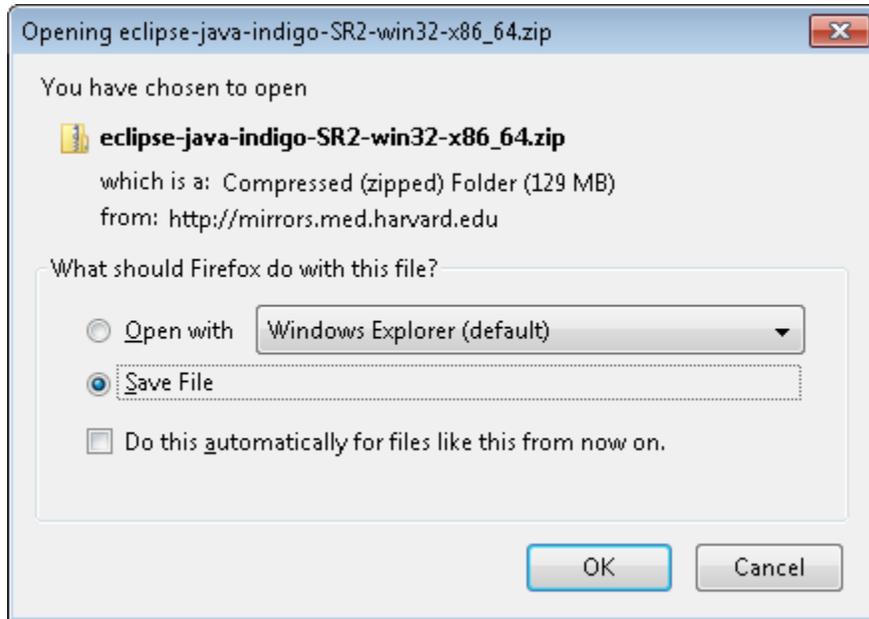
Get It Faster Here

 **EclipseSource**
Warp speed from the Amazon cloud plus a choice of hundreds of plug-ins with managed dependencies.

 **SpringSource**
Rapid downloads of Eclipse packages. Free downloads of SpringSource Tool Suite for Spring, AspectJ, Groovy and Grails.

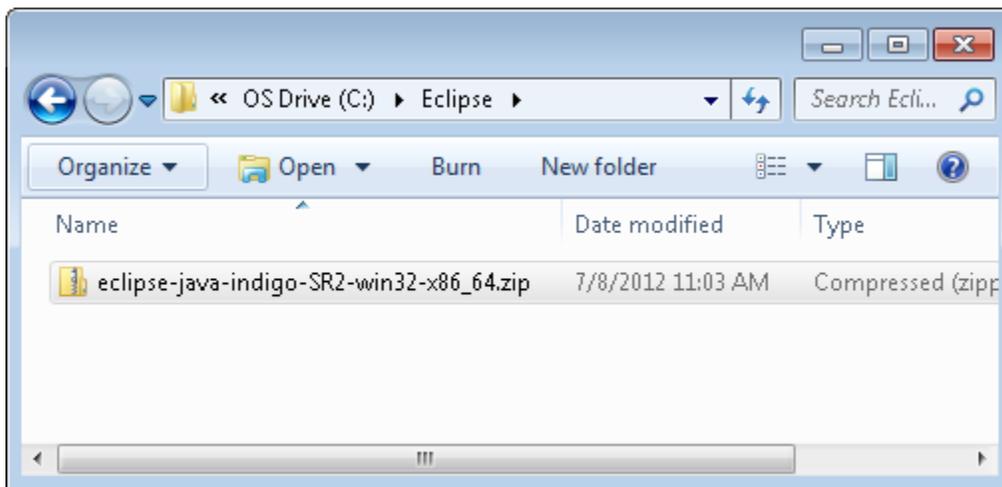
The first choice is typically to download the software from the Eclipse Foundation servers by clicking on the green arrow. Other sites below this choice are referred to as “mirror” sites. These are sites that may be closer to your location, or have a faster connection than the Eclipse site. Any site you choose will download the exact same software files. Our advice is to choose the default Eclipse download site, unless you are having difficulty downloading the file. Then you can choose any “mirror” site to download the file.

Once you choose to download the file, you will be given a choice to save the Eclipse install file. The appearance of this “Save” window will change depending on what Internet browser you are using. The following is a screenshot of the “Save” choice in Mozilla Firefox:

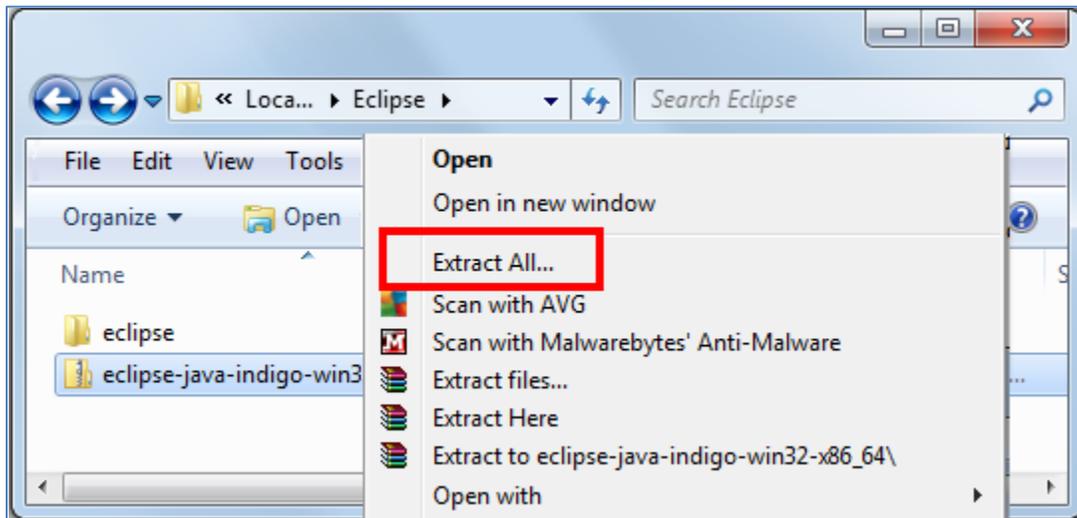


The screen will look similar for Internet Explorer, Chrome, or any other Internet browser software.

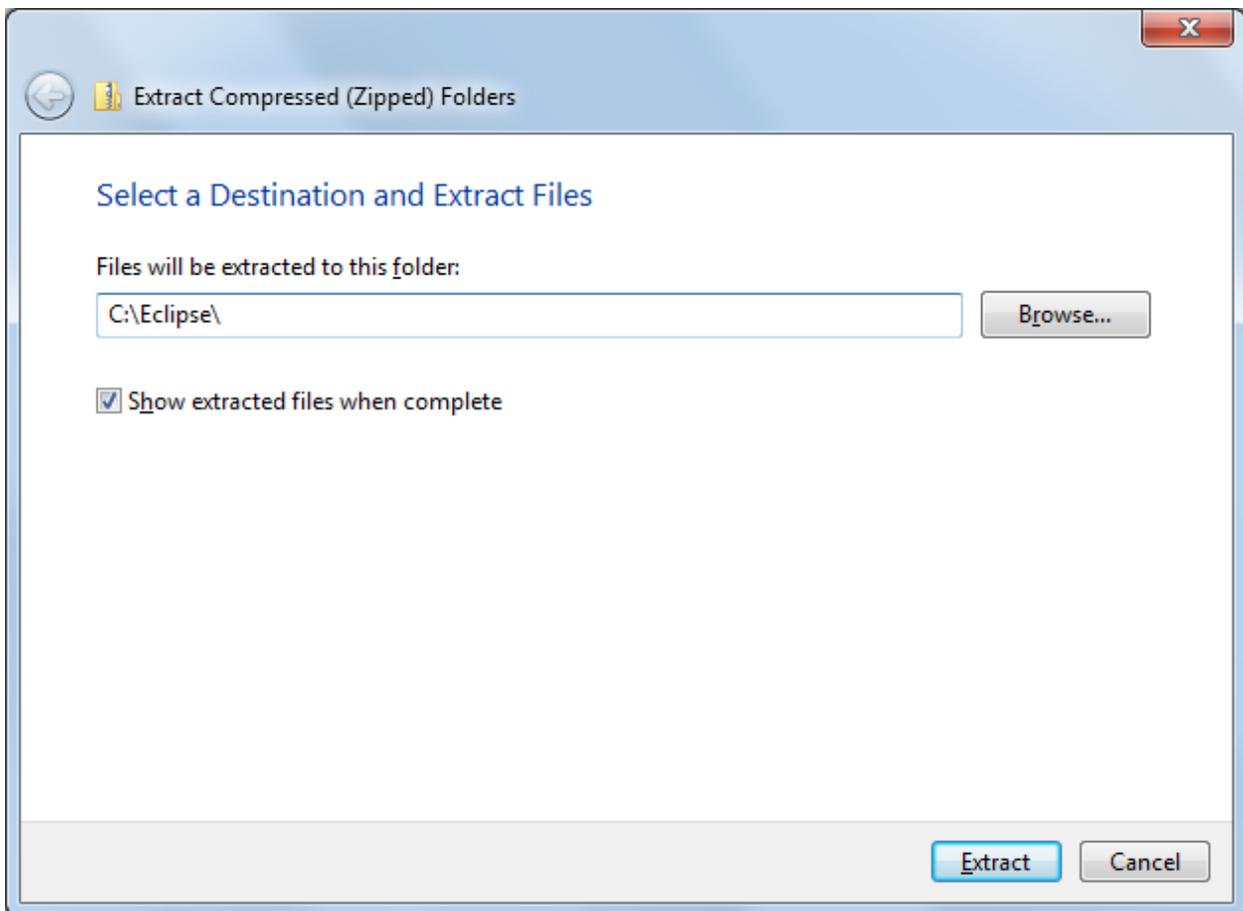
Select “Save File” or “Save” to save the file to a location on your local hard drive. You can save it to your Desktop or some other file folder. Remember this location so you can find it later! We recommend saving the file to a directory like “C:\Eclipse” just to make the Eclipse files easy to find later.



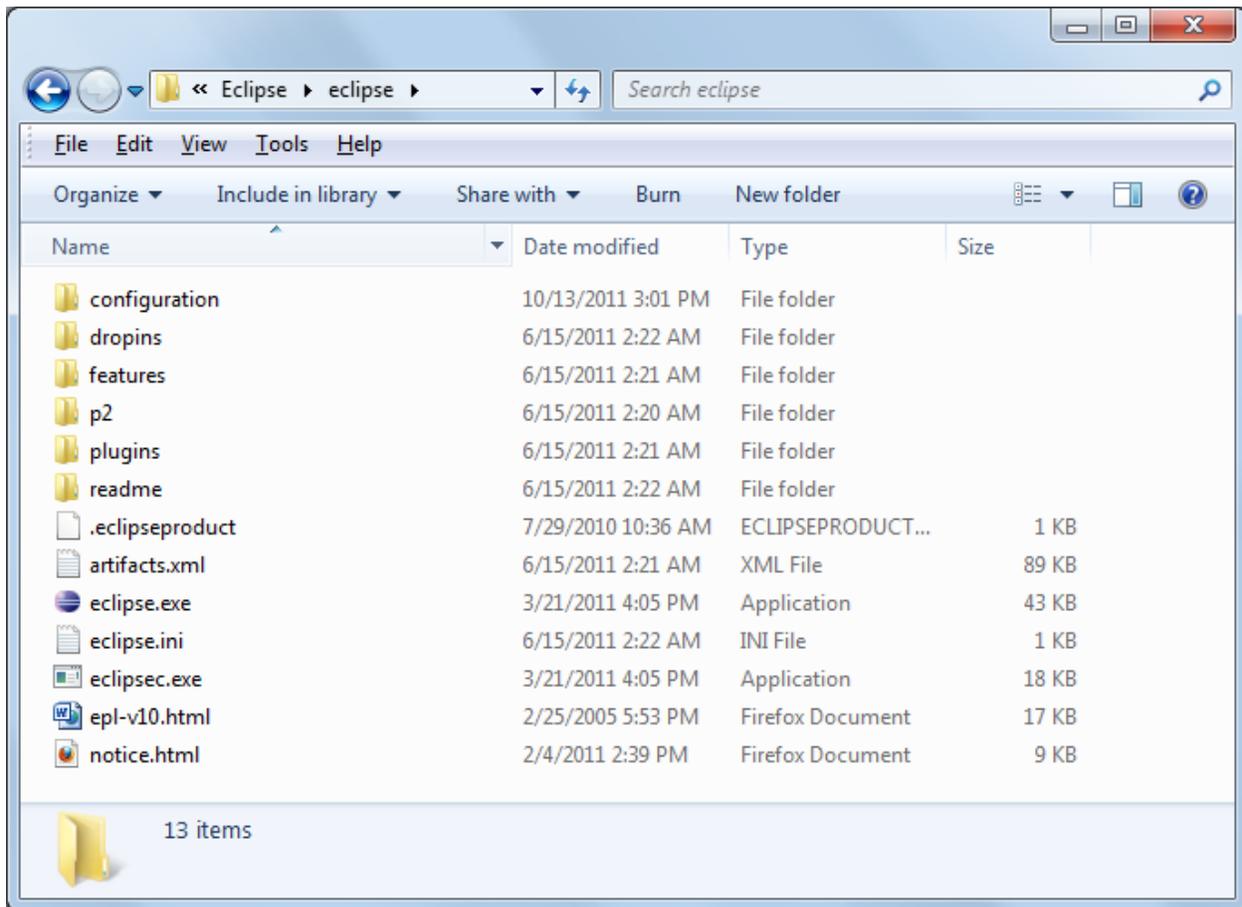
Once your file is downloaded, open the Windows Explorer and find the file on your hard drive. You can “un-zip” the file by right-clicking on the file and choosing “Extract Files”.



Windows will then ask you where you want to extract the zip files. You can choose to extract the files in the same “Eclipse” folder, or choose another location for the Eclipse files. We recommend sticking with the Eclipse directory, so the software is easy to find later!



Once the zip file is extracted, you will end up with an “Eclipse” directory that looks like this:



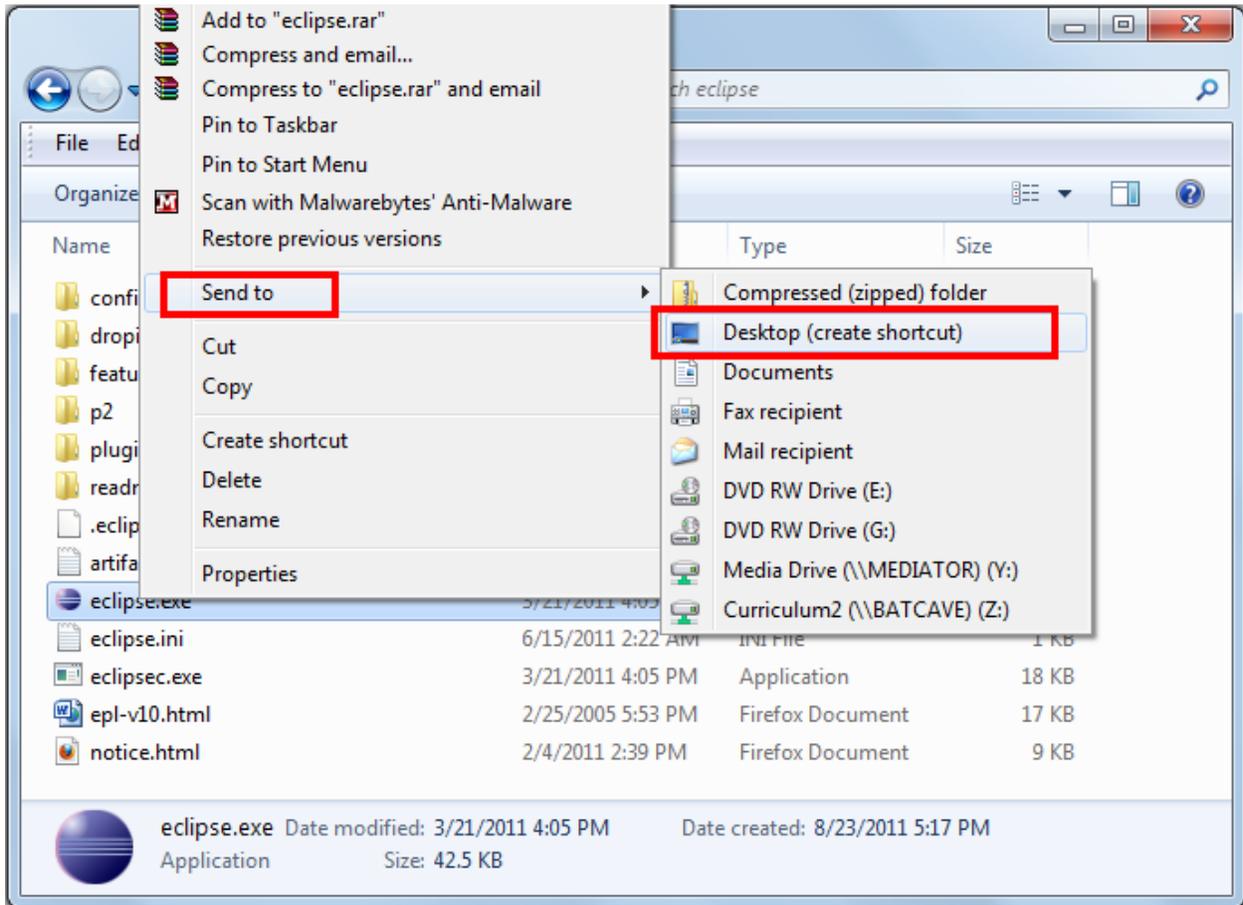
Congratulations! You have completed the installation for the Eclipse Indigo software! You’ll notice that we never had to run an “Install” program to actually install the software. This is because the Eclipse software is all-inclusive. It does not need to set any Windows registry values or install any libraries. It will run right from the Eclipse directory!

This also makes it easy to un-install the Eclipse software. Instead of searching the Control Panel to “Add/Remove Programs”, you can just delete the entire Eclipse directory. Simple, yet powerful!

Configuring Eclipse

There are two final steps to making Eclipse work best for this course. The first step is optional – we will create a “Shortcut” for the Eclipse software on your desktop. This will make it easy to find and launch the software when necessary.

Creating a desktop shortcut is easy. Just right-click on the “eclipse.exe” file and choose the “Send To” option and then “Desktop (create shortcut)”:



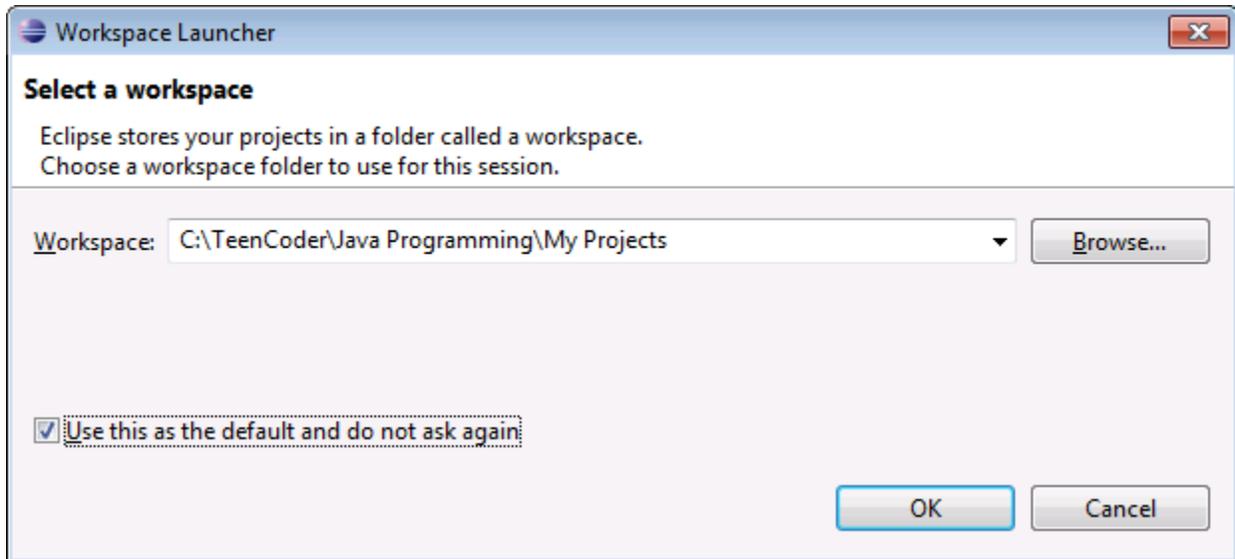
This will place the Eclipse icon on your desktop and allow you to launch the software just by double-clicking the image!



The final step in the configuration process is to run the software and set up the default “Workspace” for your projects. The Workspace is a directory on your hard drive where your programs will be

stored. We recommend using “C:\TeenCoder\Java Programming”, but you can use another directory location if you prefer.

The first time you start the Eclipse software, you will see the following screen:



Here, you can type in or browse to your preferred workspace directory. Once you have a directory chosen, click on the box labeled “Use this as the default and do not ask again”. Then click on OK. This will set your workspace for Eclipse!