Synopsys:
The most recent/common JDK (Java Development Kit) and JRE (Java Runtime Environment) for Windows computers is Java 7; the iMac computers used in the CS Department run Java 6; this guide will show how to install JRE 6 (and optionally 7), and tell Eclipse to target Java 6.

Steps, overview:
Download JRE 6/7 & Eclipse
Install JRE 6
(Optional) Install JRE 7
Install Eclipse
Select JRE 6
Task Complete

Steps, detail:
Download JRE 6/7 & Eclipse.
The JRE (Java Runtime Environment) can be downloaded from the same website for JRE version 6 and 7.

You'll need to determine if your computer is running a 32bit or 64bit version of Windows before proceeding, here's how:

Windows 7/Vista:
1. Open System by clicking the Start button, right-clicking Computer, and then clicking Properties.
2. Under System, you can view the system type.

Windows XP:
1. Click Start.
2. Right-click My Computer, and then click Properties.
   • If you don't see "x64 Edition" listed, then you're running the 32-bit version of Windows XP.
   • If "x64 Edition" is listed under System, you're running the 64-bit version of Windows XP.

Download JRE 6 and optionally JRE 7 from the following website (download the 32bit or 64bit version, as determined above):

Download Eclipse for Java Developers from the following website (download the 32bit or 64bit version, as determined above):
http://www.eclipse.org/downloads/?osType=win32
Steps, detail, continued:
Install JRE 6:
  1. Double click the JRE download to start its install, it’s default location it ok.
  2. Wait for the JRE to finish

Install JRE 7:
  1. Double click the JRE download to start its install, it’s default location it ok.
  2. Wait for the JRE to finish

Install Eclipse:
  1. Double click/expand the eclipse file you downloaded, and copy the eclipse folder to C:\
  2. Double click on C:\eclipse\eclipse.exe, and setup your workspace (you may have set one up on a usb thumb drive in class)
Change Eclipse Preferences:

1. In Eclipse, Click on Window, then Preferences
2. Expand Java, then Click on Compiler, & Change Compiler Compliance level to 1.6
3. Click on installed JREs, then click on Add...
4. Add JRE, select Standard VM, then click Next.
5. Click on Directory, we’ll then add the path to JRE6
6. Select where the JRE6 got installed (usually C:\Program Files\Java\jre6 )
7. Click Finish, the JRE libraries should have been automatically filled in for you.
8. Select JDK 6 for Installed JREs, then click OK.