

# Installing Java on Your Own Windows Computer

Download Java from [java.sun.com](http://java.sun.com). You should download the Java Development Kit with runtime environment (JDK 6 for example). Install Java by executing the .exe file after it has downloaded.

You can now download and install the Eclipse IDE from [Eclipse.org](http://Eclipse.org)

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## To run Java in a Windows XP command window you will need to set the PATH and CLASSPATH environment variables

**NOTE: If a command is given in quotes for you to type, DO NOT TYPE THE QUOTES**

1. Click on START (lower left)
2. Under "Settings" click on "Control Panel"
3. Switch to "classic view" (upper left) -- not "category view"
4. Click on the "System" icon.
5. Click on the "Advanced" tab.
6. Click on the "Environment Variables" button (bottom).
7. Highlight "PATH" (in the top window) and click the "edit" button. (If there is no PATH variable, just choose the "new" option to create this variable, then under 'variable name' type PATH, and continue with the steps below.)

**NOTE: UNDER NO CIRCUMSTANCES SHOULD YOU EDIT OR MODIFY ANY OF THE "SYSTEM VARIABLES" -- you could make your entire computer unusable! --**

8. Edit the "PATH" so it begins C:\Program Files\Java\jdk1.6.0\bin; (note, if you are using another version of JAVA, you may need to replace jk1.6.0 with the name of that version). Copy and paste this line into your path (this may be easier)

C:\Program Files\Java\jdk1.6.0\bin;

9. After you have finished editing the PATH, click "OK". You are done setting your PATH. Now you have to create a new variable, called your CLASSPATH.
10. Click on the "NEW" button below the top window.
11. Under 'variable name' type CLASSPATH
12. Under 'variable value' type . (yes, type a single period).
13. Click OK.
14. EXIT the control panel.
15. You may need to restart your computer.
16. Test your installation by opening up a command window and verifying that both the commands "java" and "javac" work properly.