



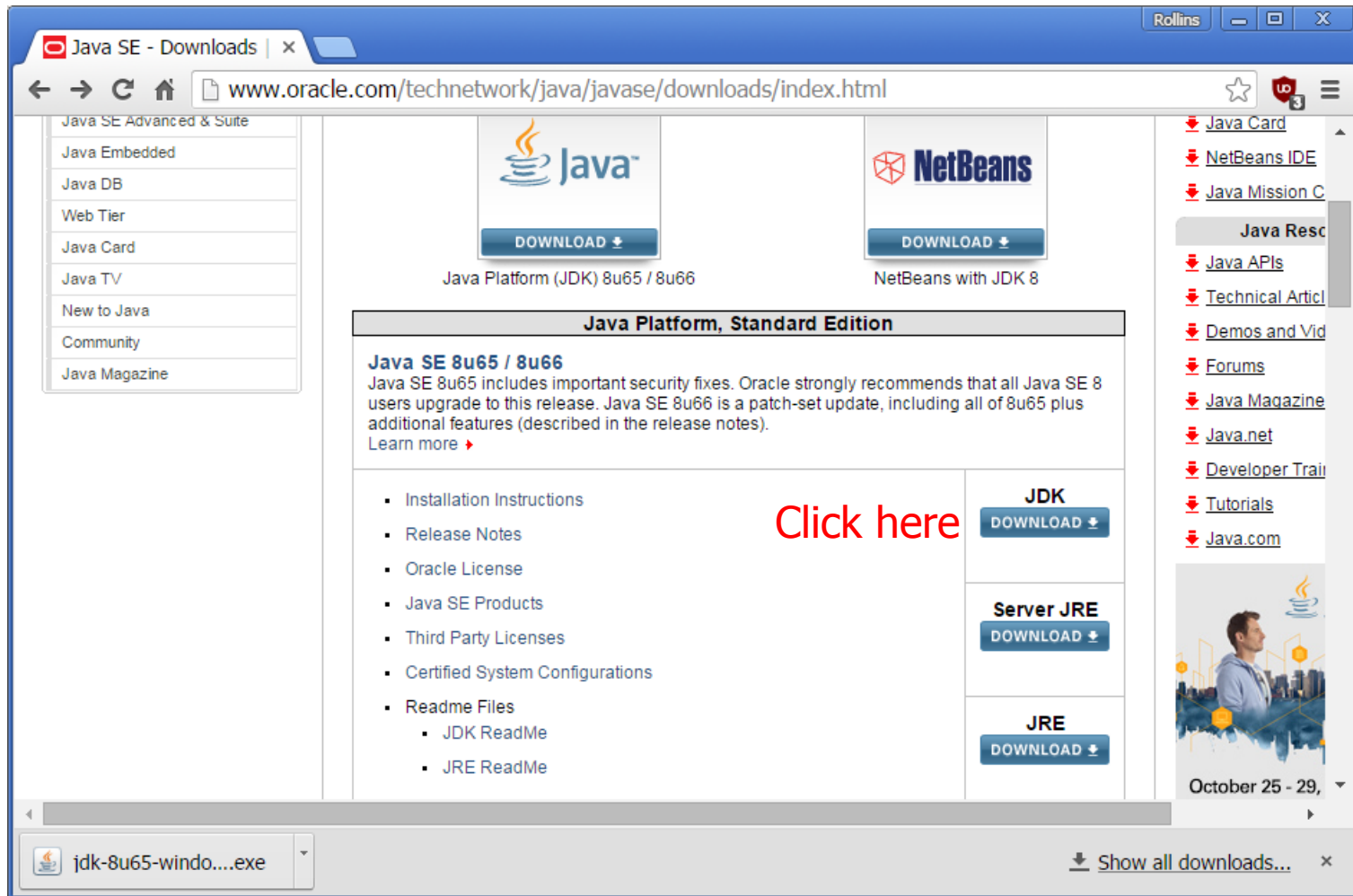
Installing Java on Your PC



Installing Java

- To develop Java programs on your PC:
 - Install JDK (Java Development Kit)
 - Add the directory where JDK was installed to your system path.
 - Details follow.
- Download JDK 8 at <http://www.oracle.com/technetwork/java/javase/downloads/index.html>

Download JDK



The screenshot shows a web browser window with the address bar displaying www.oracle.com/technetwork/java/javase/downloads/index.html. The page is titled "Java SE - Downloads". On the left, there is a navigation menu with links to "Java SE Advanced & Suite", "Java Embedded", "Java DB", "Web Tier", "Java Card", "Java TV", "New to Java", "Community", and "Java Magazine". The main content area features two large download buttons: "DOWNLOAD" for "Java Platform (JDK) 8u65 / 8u66" and "DOWNLOAD" for "NetBeans with JDK 8". Below these, a section titled "Java Platform, Standard Edition" highlights "Java SE 8u65 / 8u66" with a description: "Java SE 8u65 includes important security fixes. Oracle strongly recommends that all Java SE 8 users upgrade to this release. Java SE 8u66 is a patch-set update, including all of 8u65 plus additional features (described in the release notes). Learn more". To the right of this text is a red text overlay that says "Click here". Below the text is a list of links: "Installation Instructions", "Release Notes", "Oracle License", "Java SE Products", "Third Party Licenses", "Certified System Configurations", "Readme Files" (which includes "JDK ReadMe" and "JRE ReadMe"). To the right of the list are three download buttons: "JDK DOWNLOAD", "Server JRE DOWNLOAD", and "JRE DOWNLOAD". On the far right, there is a sidebar with links to "Java Card", "NetBeans IDE", "Java Mission C", "Java Resc", "Java APIs", "Technical Article", "Demos and Vid", "Forums", "Java Magazine", "Java.net", "Developer Trai", "Tutorials", and "Java.com". At the bottom of the browser window, the taskbar shows a file named "jdk-8u65-windo....exe" and a button labeled "Show all downloads...".

Java SE - Downloads | x

Rollins

www.oracle.com/technetwork/java/javase/downloads/index.html

Java SE Advanced & Suite

Java Embedded

Java DB

Web Tier

Java Card

Java TV

New to Java

Community

Java Magazine

Java Platform (JDK) 8u65 / 8u66

NetBeans with JDK 8

Java Platform, Standard Edition

Java SE 8u65 / 8u66

Java SE 8u65 includes important security fixes. Oracle strongly recommends that all Java SE 8 users upgrade to this release. Java SE 8u66 is a patch-set update, including all of 8u65 plus additional features (described in the release notes).
[Learn more](#)

- Installation Instructions
- Release Notes
- Oracle License
- Java SE Products
- Third Party Licenses
- Certified System Configurations
- Readme Files
 - JDK ReadMe
 - JRE ReadMe

JDK
DOWNLOAD

Server JRE
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JRE
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Click here

Java Card

NetBeans IDE

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jdk-8u65-windo....exe

Show all downloads...

Download JDK

Java SE Development x

www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

Java SE Development Kit 8 Downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications, applets, and components using the Java programming language.

The JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.

See also:

- Java Developer Newsletter: From your Oracle account, select **Subscriptions**, expand **Technology**, and subscribe to **Java**.
- Java Developer Day hands-on workshops (free) and other events
- Java Magazine

JDK 8u65 Checksum
JDK 8u66 Checksum

Java SE Development Kit 8u65

You must accept the [Oracle Binary Code License Agreement for Java SE](#) to download this software.

☐ Accept License Agreement ☒ Decline License Agreement

Product / File Description	File Size	Download
Linux ARM v6/v7 Hard Float ABI	77.69 MB	jdk-8u65-linux-arm32-vfp-hflt.tar.gz
Linux ARM v8 Hard Float ABI	74.66 MB	jdk-8u65-linux-arm64-vfp-hflt.tar.gz
Linux x86	154.67 MB	jdk-8u65-linux-i586.rpm
Linux x86	174.84 MB	jdk-8u65-linux-i586.tar.gz
Linux x64	152.69 MB	jdk-8u65-linux-x64.rpm
Linux x64	172.86 MB	jdk-8u65-linux-x64.tar.gz
Mac OS X x64	227.14 MB	jdk-8u65-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	139.71 MB	jdk-8u65-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.01 MB	jdk-8u65-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	140.22 MB	jdk-8u65-solaris-x64.tar.Z
Solaris x64	96.74 MB	jdk-8u65-solaris-x64.tar.gz
Windows x86	181.24 MB	jdk-8u65-windows-i586.exe
Windows x64	186.57 MB	jdk-8u65-windows-x64.exe

Click here →

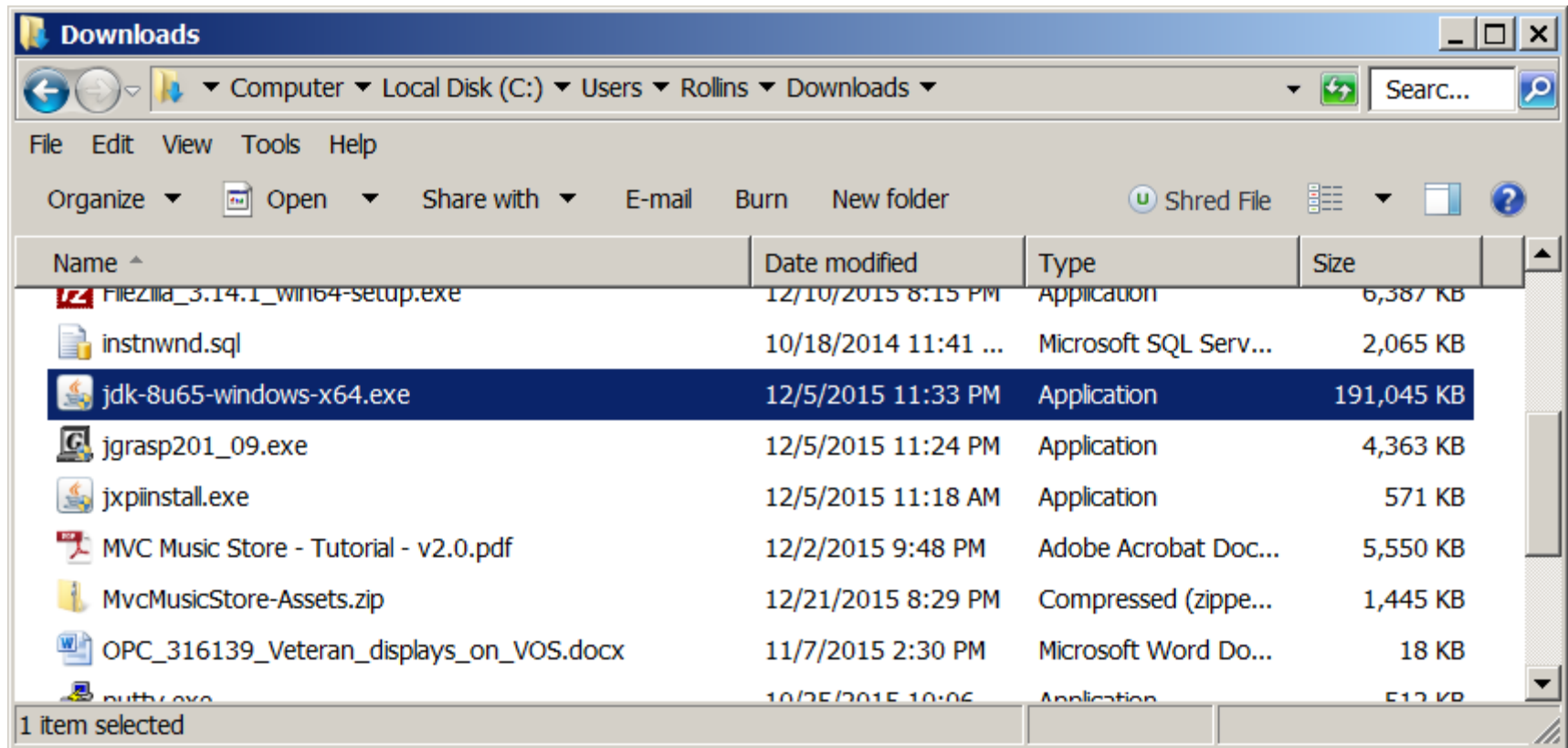
Click on the download link for your computer.
e.g., For a 64 bit Windows system, click [jdk-8u65-windows-x64.exe](#)

Java EE and Glassfish
Java ME
Java Card
NetBeans IDE
Java Mission Control
Java Resources
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Register Now

Install JDK

When the download is complete, double click on the file name in your Downloads folder to install the JDK.

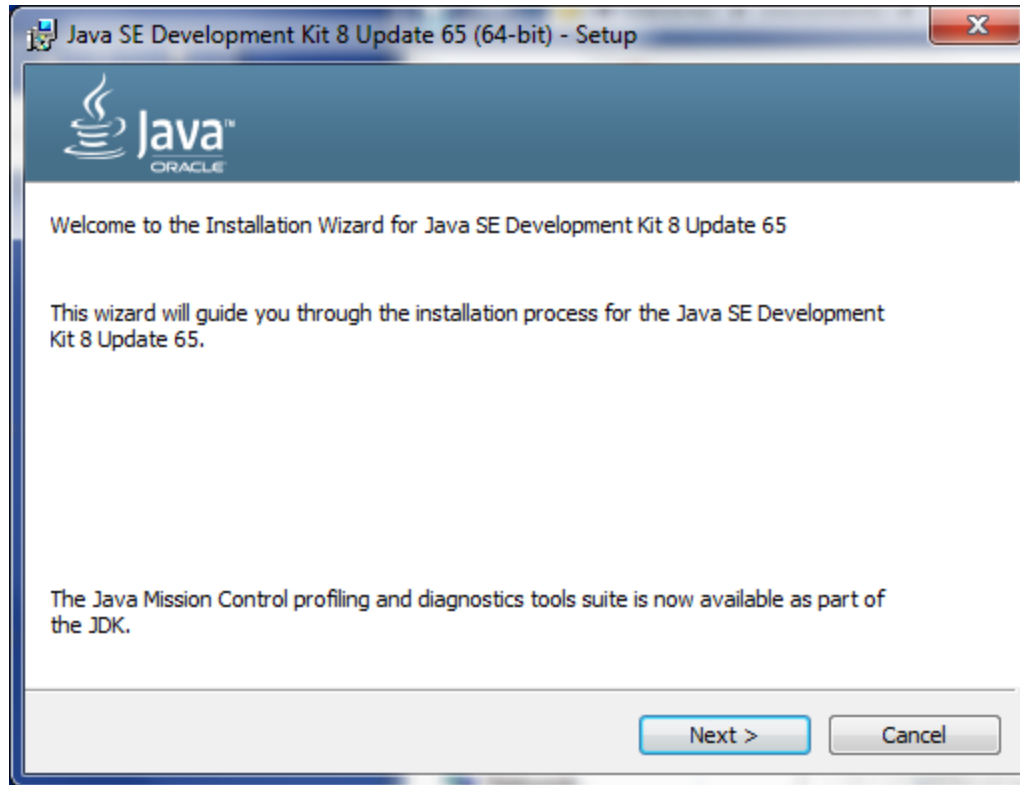




A Popup Message

- You will be asked “Do you want to allow the following program to make changes to this computer?”
- Click Yes
- The “Installation Wizard” will start.

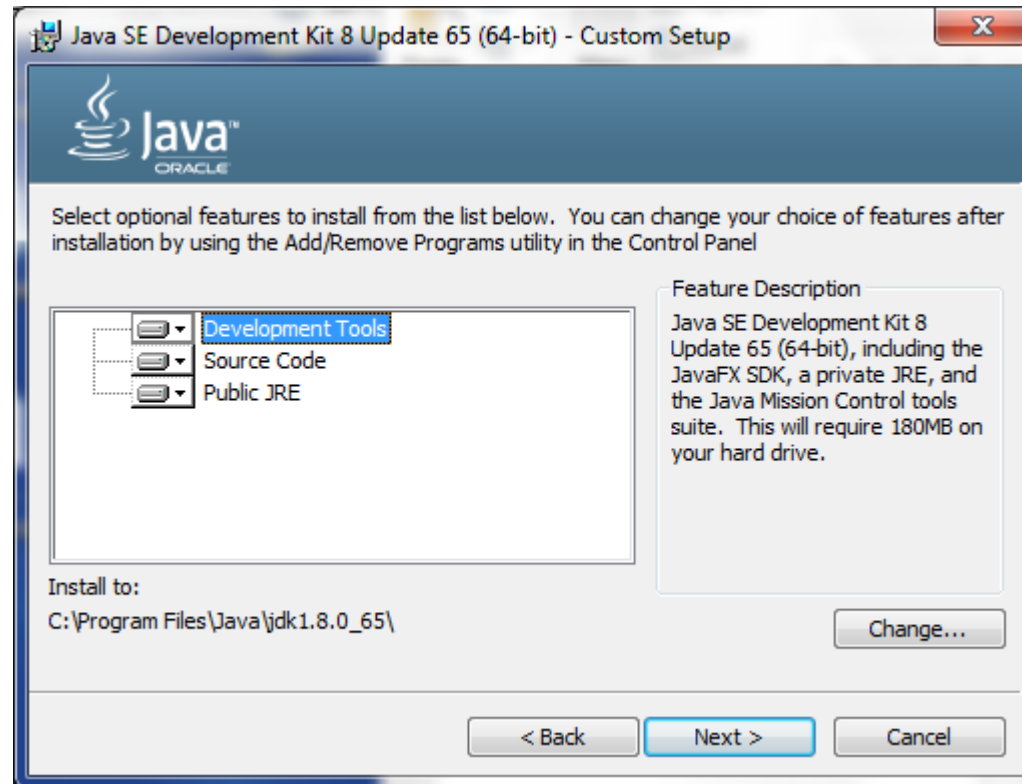
The Installation Wizard



Click Next

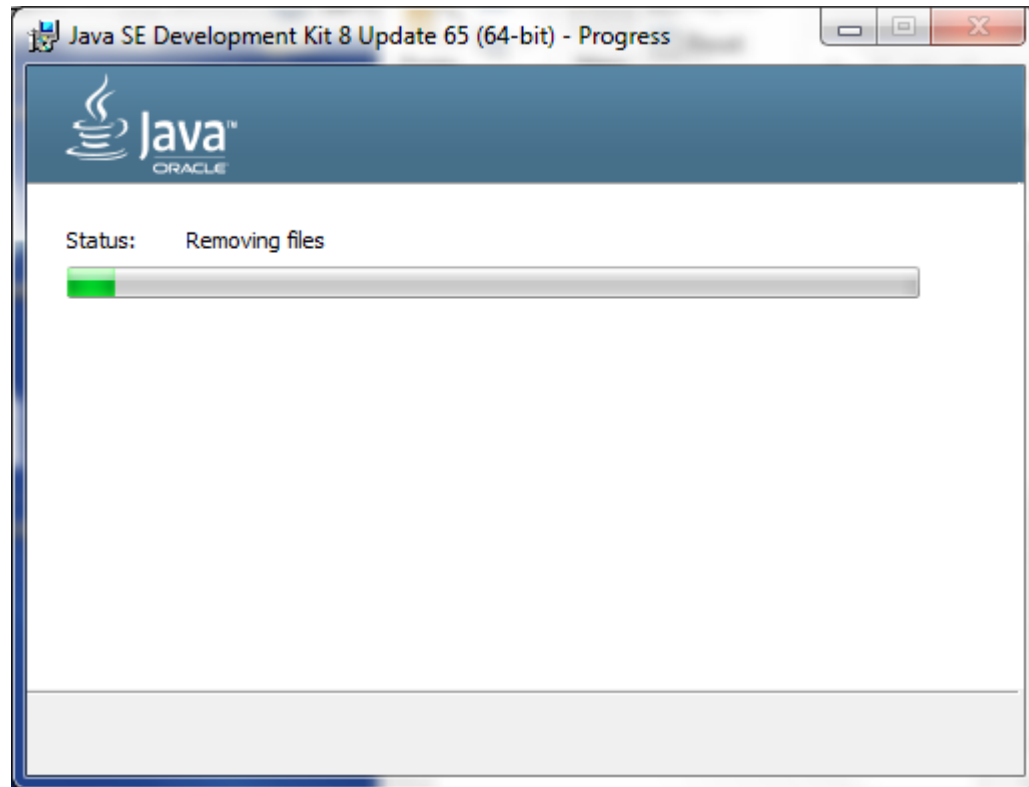
Custom Setup

Select "Development Tools" (the default)



Click Next

Progress Screen



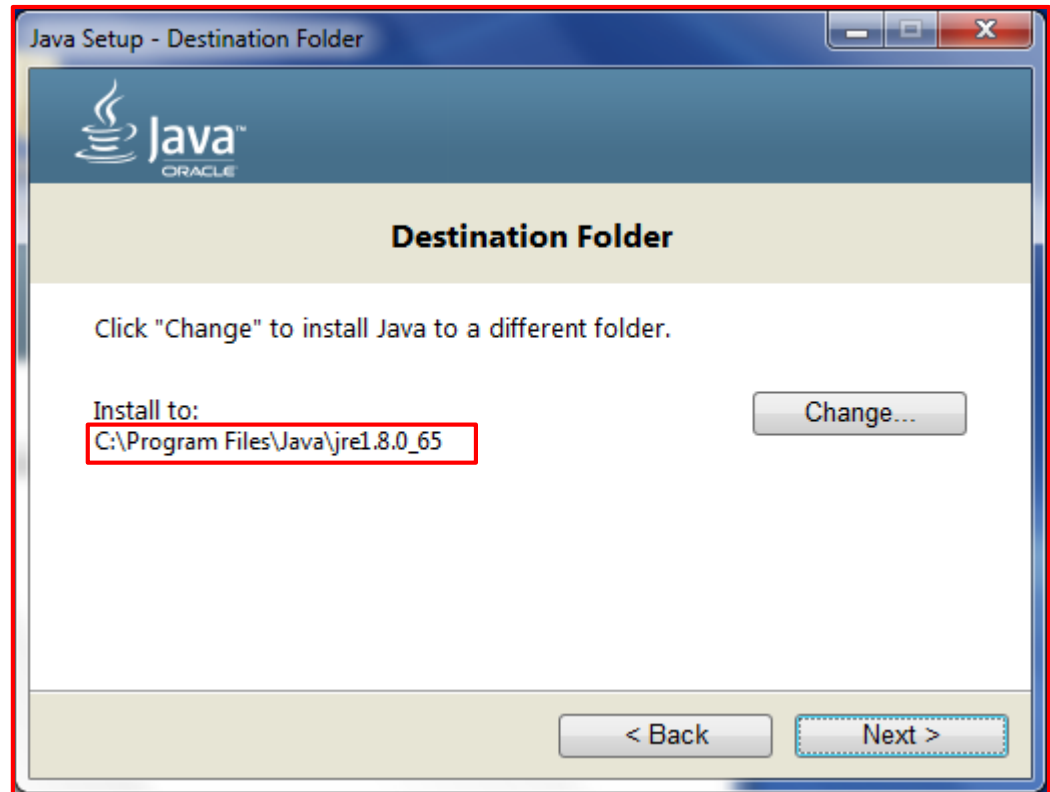
The Status message will change as installation progresses.

This could take several minutes.

Destination Folder

Don't click "Change"

Note where it
will be installed



Click "Next"

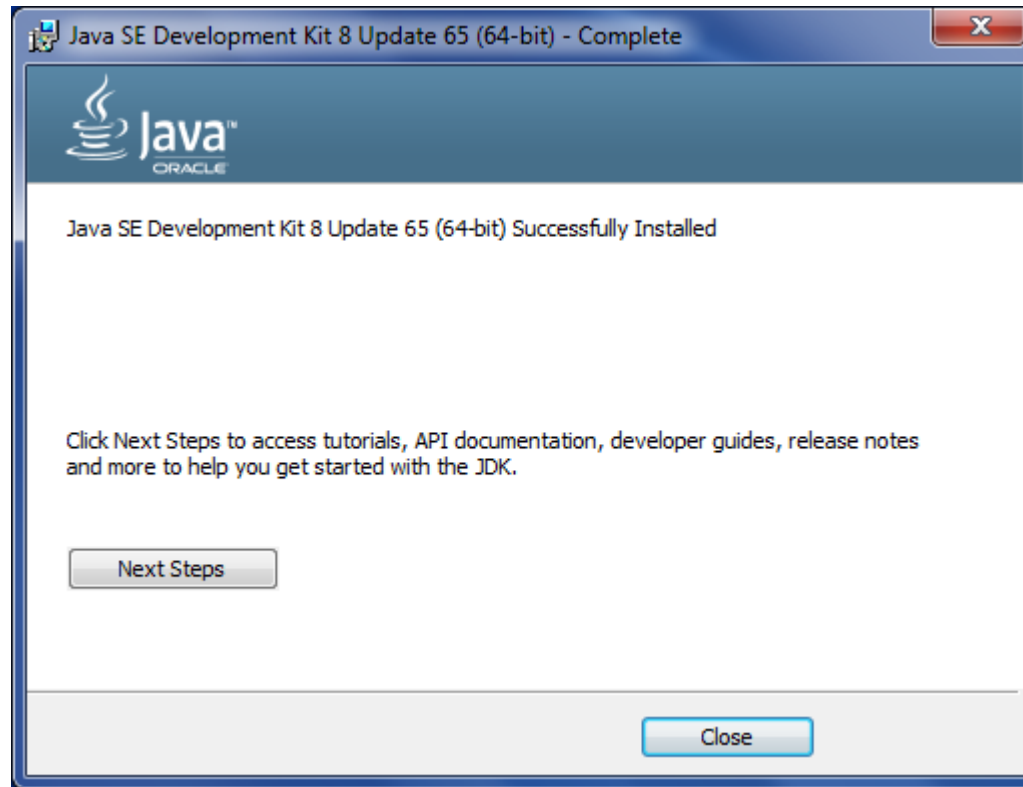
Oracle Advertisement

With Progress Bar



Eventually closes

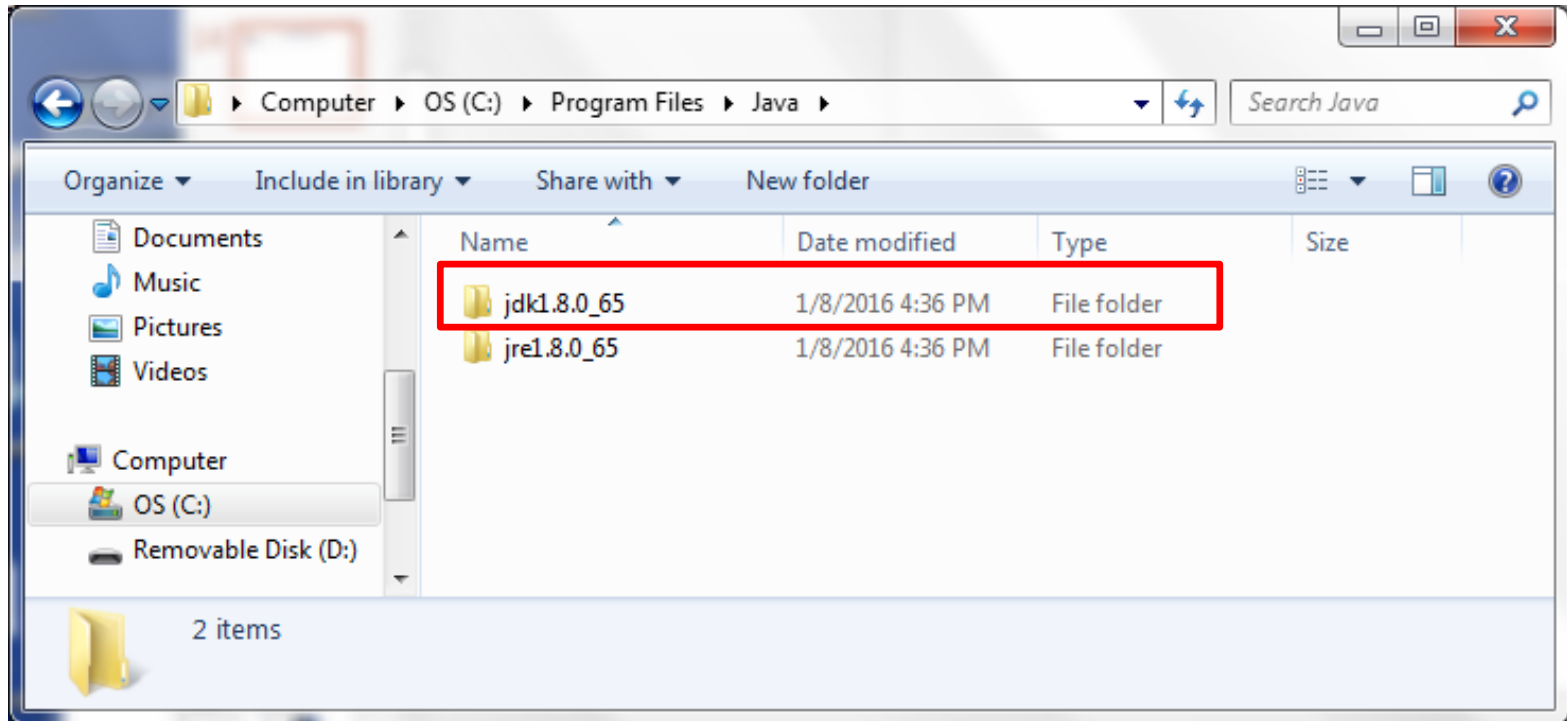
It's finished



Click "Close"

- Double click on Computer
- Drill down
 - OC (C)
 - Program Files
 - Java

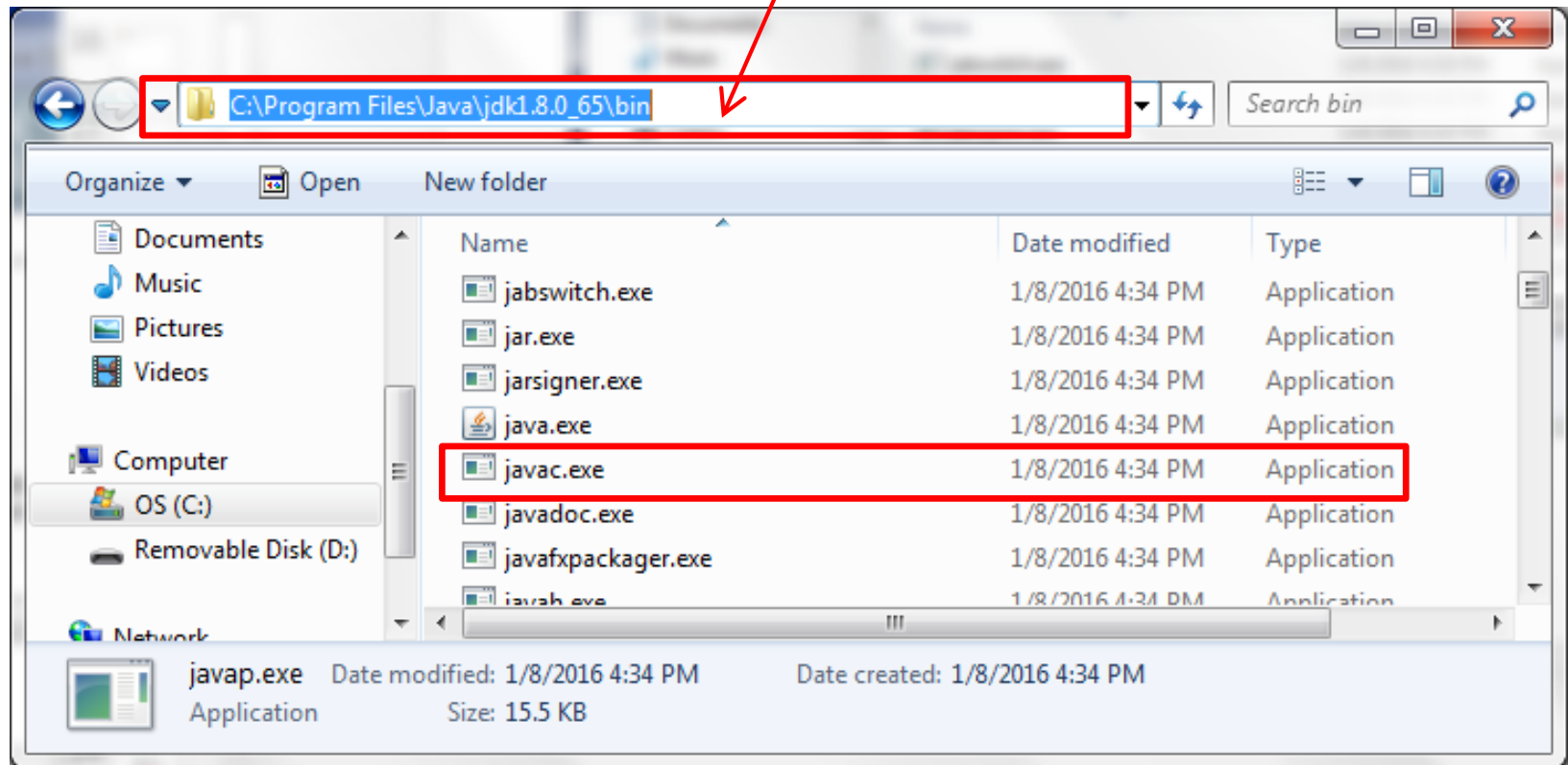
The Java Directory



This is the JDK directory.
Double click on it, then on bin.

Javac.exe is the Java compiler

Click in this box in order show the directory path in the normal format and select it.



Copy the directory path (by pressing Control-C while it is selected.)
You will need to use it in the following steps.

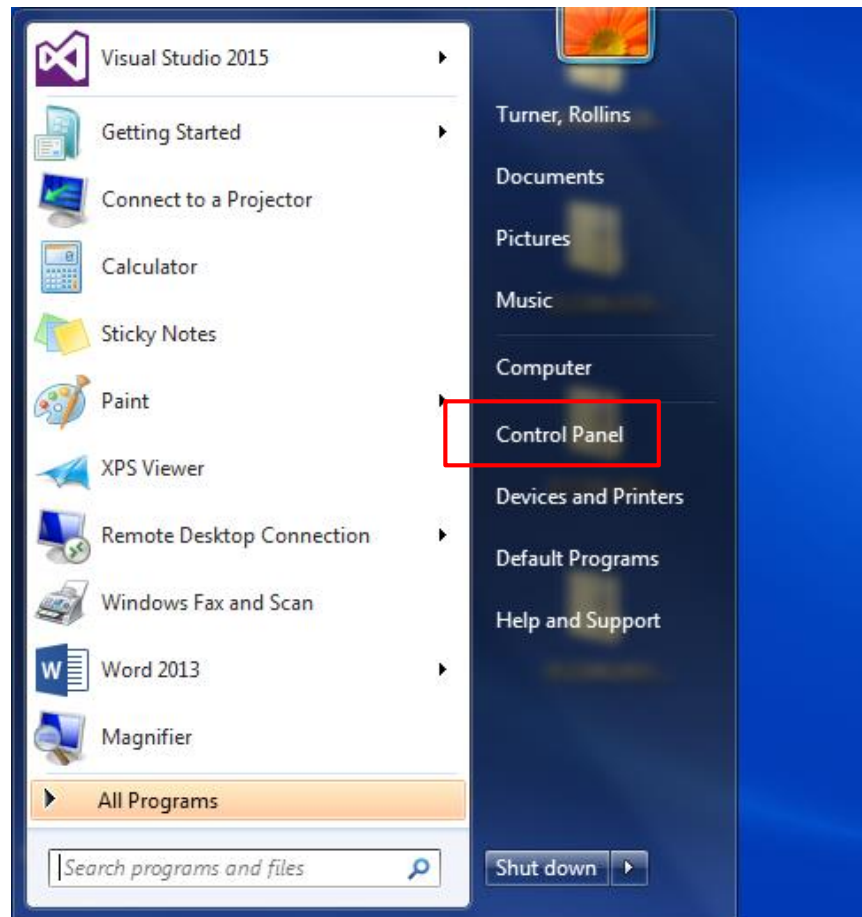


Add the Java compiler's directory to your system path

- On Windows your “system path” specifies where the system will look for programs.
- You need to add the directory that contains the Java compiler, `javac.exe`
- Details on the following slides.

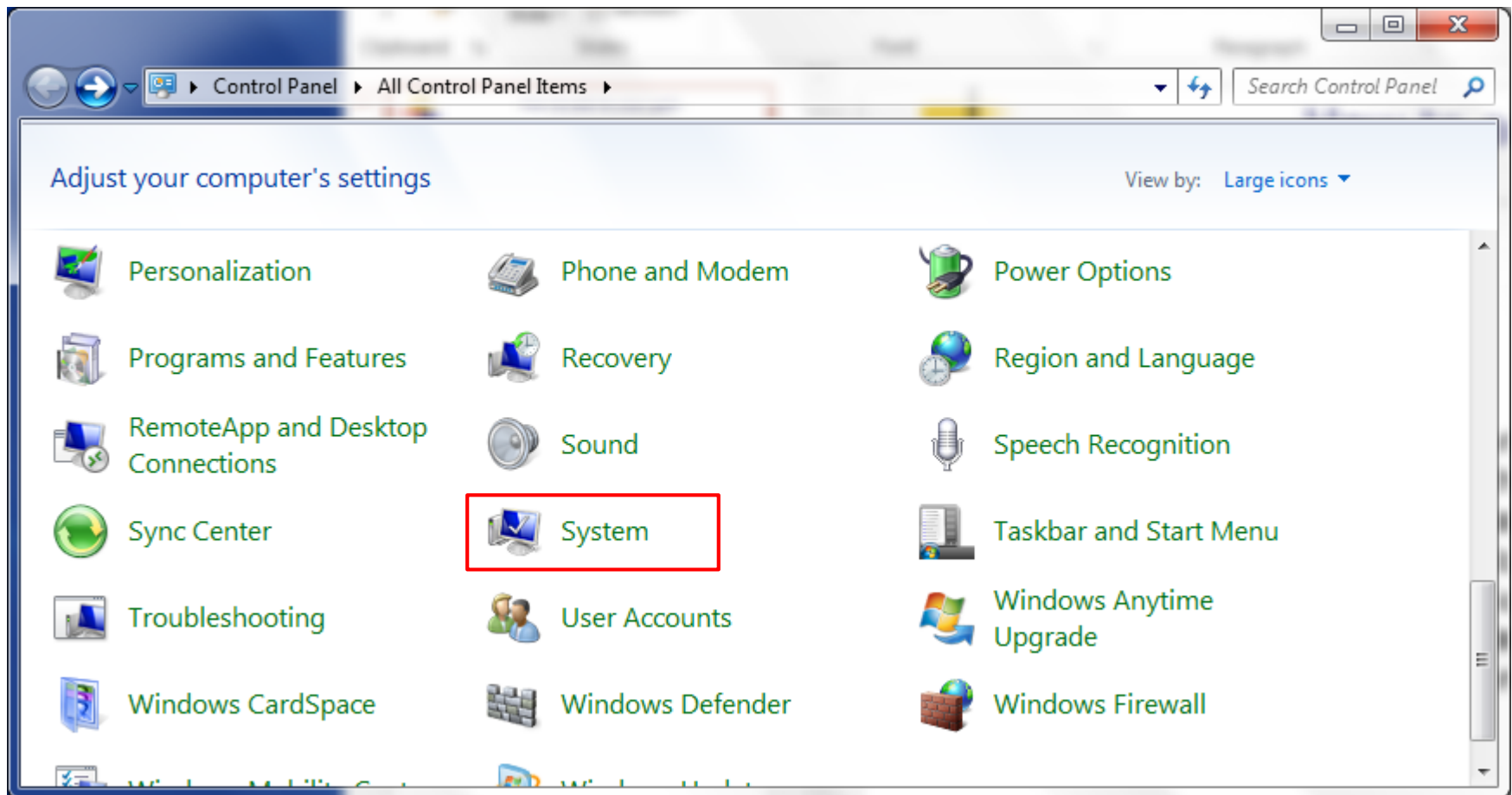
Open Control Panel

- Click on your computer's Start button.
- Then click on "Control Panel".



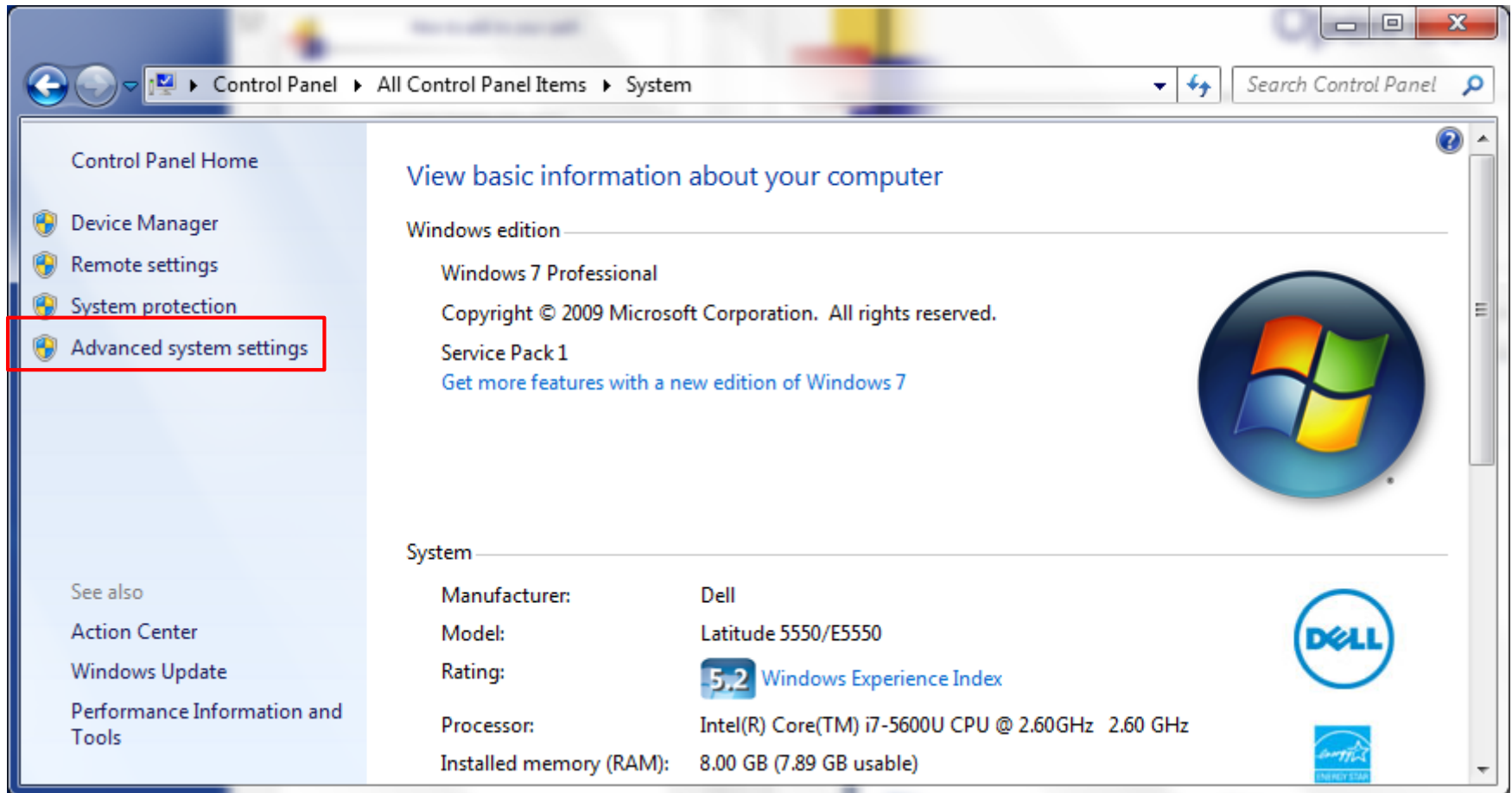
Control Panel

Click on System



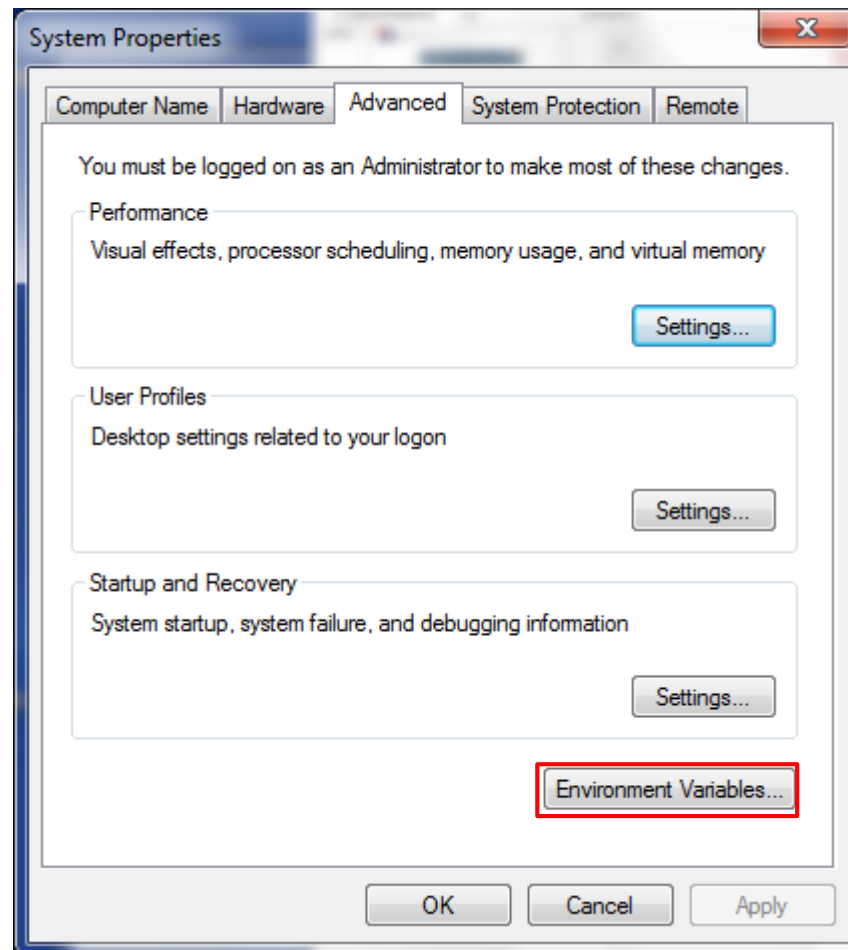
System

Click on Advanced system settings



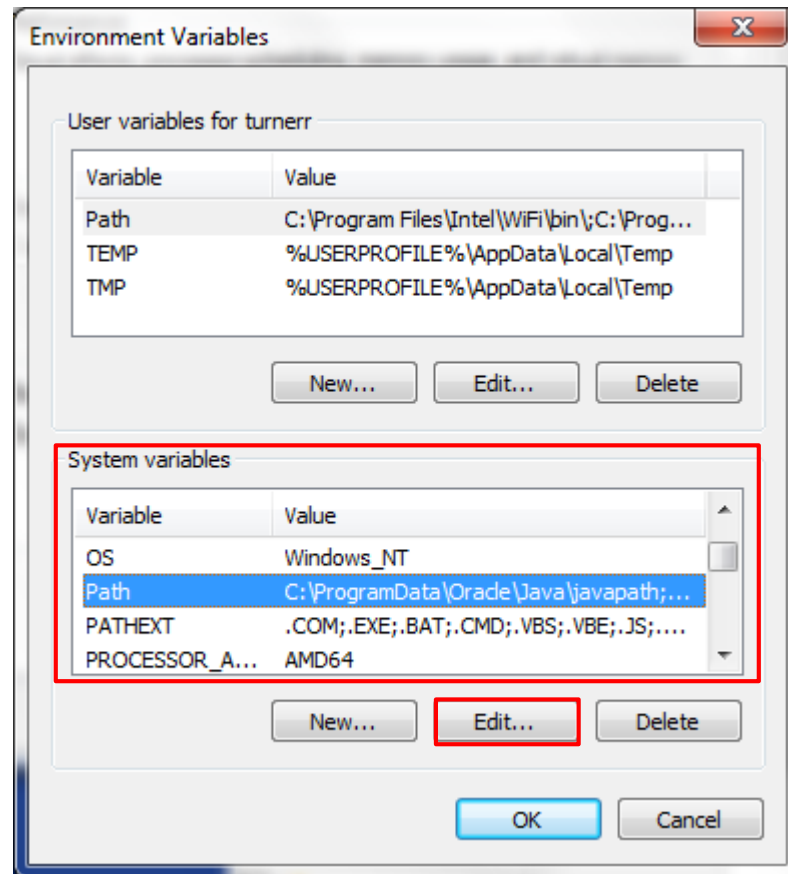
System Properties

In the Advanced tab, click on the Environment Variables button.

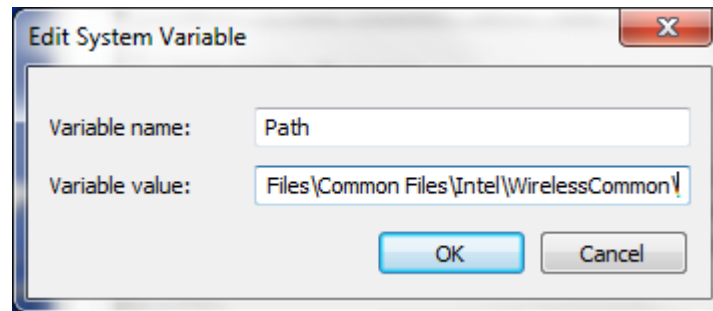


Environment Variables

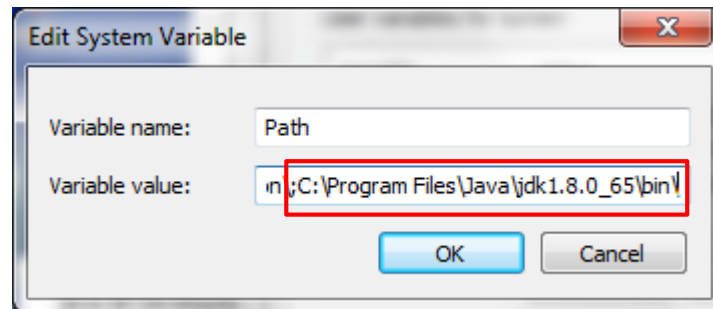
In the System variables section, select Path and click the Edit button.



Edit System Variable "Path"

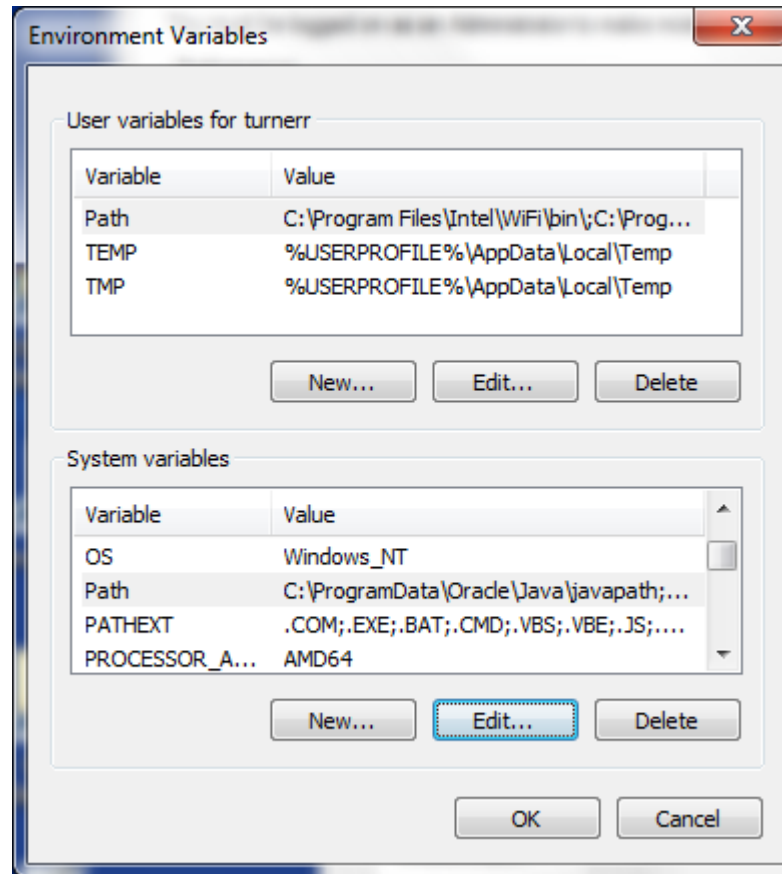


At the end of the string in the Variable value text box, type a semicolon. Then paste in the path to the Java compiler by pressing Control-V.



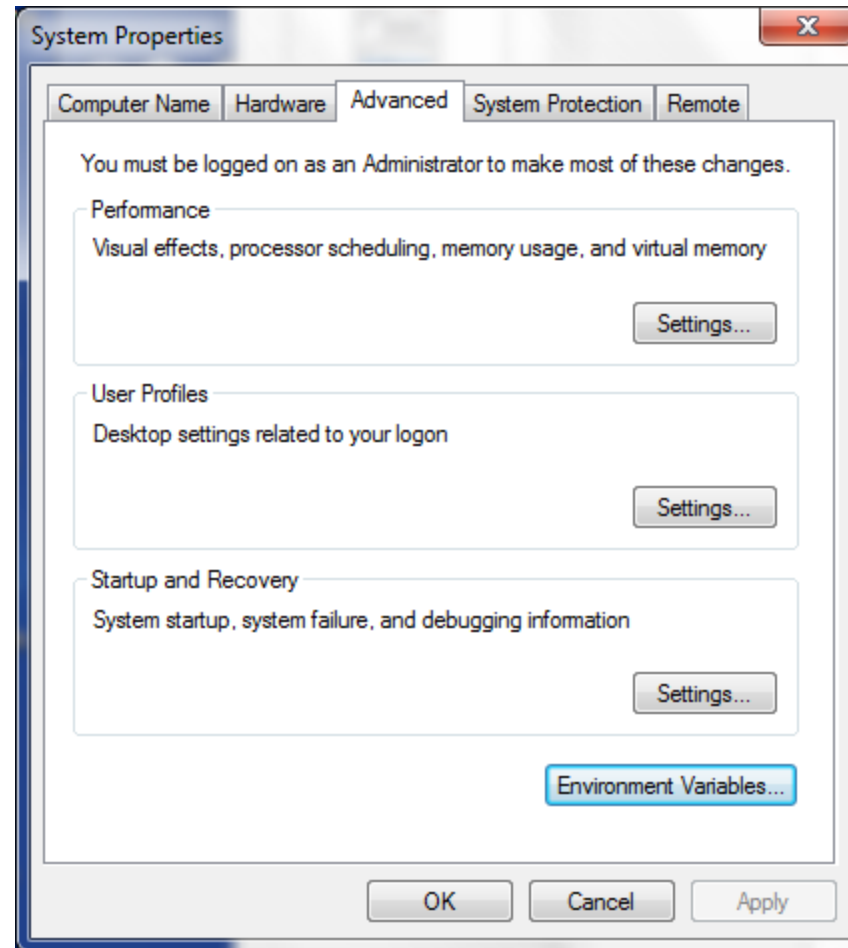
Click OK

Back in Environment Variables



Click OK

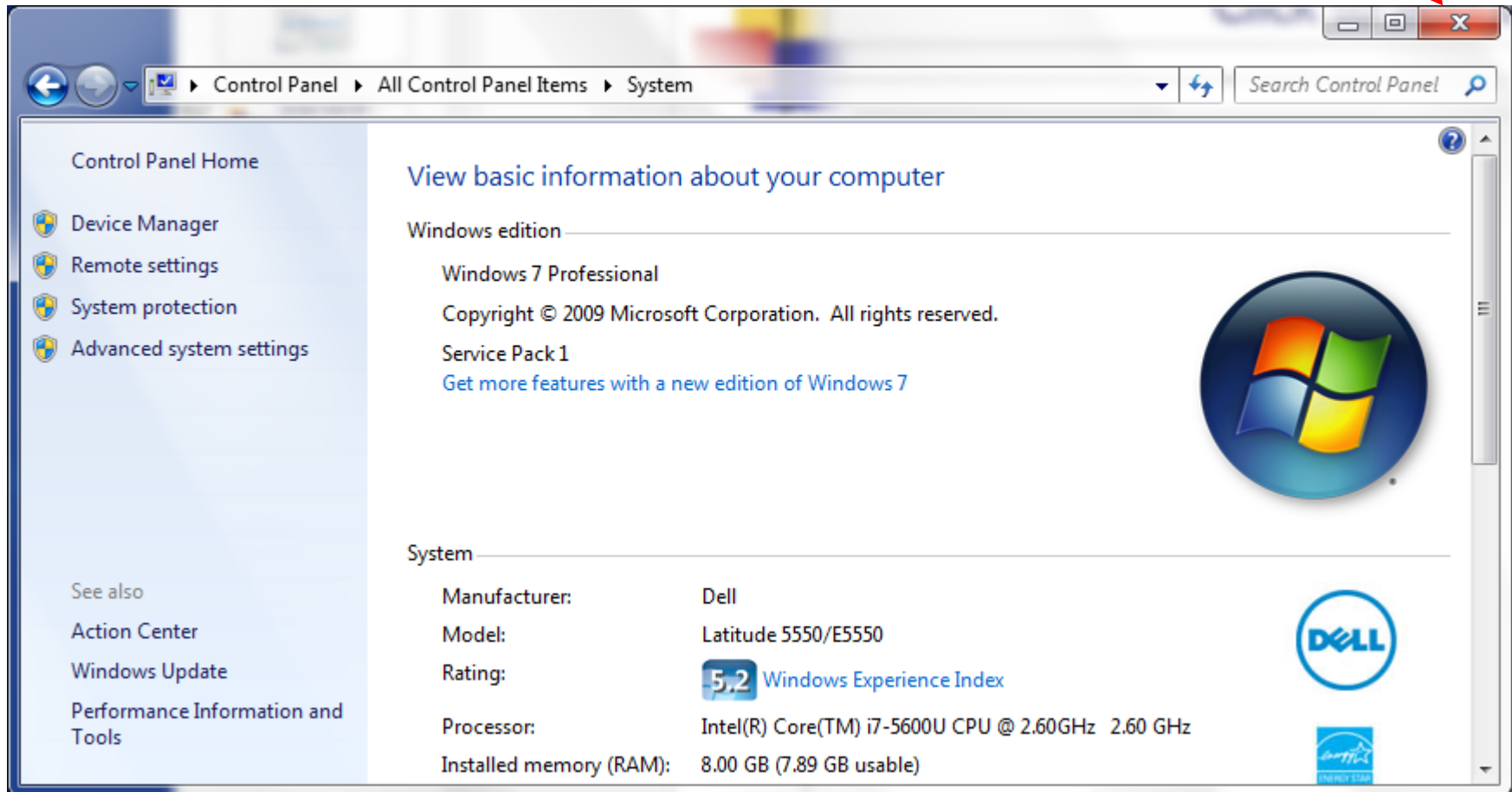
Back in System Properties



Click OK

Back in Control Panel

Click here to close window



- You should now be able to compile Java programs from the command line.
- Open a new command window to compile.
 - The command window gets the system path when you open it. A command window that was open before you updated the system path won't have the updated path.