To compile Java programs, the JDK is needed as well as a text editor.

The Java JDK can be downloaded from the Oracle website along with the IDE Netbeans

## Go to <a href="http://www.oracle.com/">http://www.oracle.com/</a>

### Hover over Downloads then click on Java for Developers

← → C 🗋 www.oracle.com/index.html				
ORACLE	Sign In/Register Help Coun Products Solutions	try ~ Communities ~ I am a Downloads Store	✓ I want to ✓ Search Support Training Partn	Q ers About OTN
Popular Downloads	Database Oracle Database MySQL Oracle Berkeley DB Oracle Instant Client Oracle Application Express See All Middleware Oracle Fusion Middleware (including Oracle WebLogic Server) Oracle JRockit	Enterprise Management Oracle Enterprise Manager Oracle Application Testing Suite See All Server and Storage Systems Solaris Linux and Oracle VM Firmware See All	Developer Tools SQL Developer JDeveloper and ADF Developer Tools for Visual Studio Enterprise Pack for Eclipse NetBeans IDE See All Prebuilt Developer VMs	Applications Oracle Fusion Applications, Oracle E-Business Suite, PeopleSoft, JD Edwards, Siebel CRM Aglie AutoVue See All

## Click on the Download button under NetBeans:



Note: current update as of 9/2/15 is 60

Review the license agreement then Click on **Accept License Agreement** – then click on the download for your OS



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The download time for the 281 MB file depends on your connection speed:



After download is done, click on .exe to run



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If you get a message like this, click Yes:



Click <b>Next</b> :	Note: current update as of 9/2/15 is 60	
실 Java SE Developmen	t Kit and NetBeans IDE Installer	
Java™	Welcome to the JDK 8 Update 45 and Installer The installer will install the JDK 8 Update 45 and NetBe	NetBeans IDE 8.0.2
ORACLE		Installation Size: 749.3 MB
		Next > Cancel

🏂 Java S	Development Kit and NetBeans IDE Installer	X
Sil) Java	JUnit License Agreement Please read the following license agreement carefully.	ORACLE
JUnit	Public License – v. 1.0	A III
THE AC LICENSE CONSTI	COMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM TUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.	
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a) in the docume b) in the	case of the initial Contributor, the initial code and ntation distributed under this Agreement, and case of each subsequent Contributor:	
i) chang	es to the Program, and	
Lii).additi	ons to the Program.	<b>T</b>
JUnit is a	Java unit testing framework	
○ <u>1 acc</u>	ept the terms in the license agreement. Install JUnit	
⊚ <u>D</u> o n	ot install JUnit	
	< <u>B</u> ack <u>N</u> ext	> Cancel

## Review the terms, click I accept... and then click Next

Java SE Development Kit and NetBeans IDE Installer	
Java SE Developer Kit (JDK) 8 Update 45 Installation Choose the installation folder for JDK	ORACLE
Install the JDK™ to:	
C:\Program Files\Java\jdk1.8.0_45	Browse
< <u>B</u> ack <u>N</u> ext	t > Cancel

Review the install path for the JDK, change if needed, then click **Next** 

Note: current update as of 9/2/15 is 60

(note: some people put the Operating System on C: and all other programs on D: )

.<del>C</del>'

Review the Install path for Ne	etBeans, change if needed, then click <b>Next</b>		
🛓 Java SE Development Kit a	nd NetBeans IDE Installer		
NetBeans IDE 8.0.2 Choose the installat	2 Installation tion folder and JDK™.		ORACLE
Install the NetBeans IDE to:			
C: \Program Files \NetBeans 8.0.	2		Browse
JDK™ for the NetBeans IDE:			
C:\Program Files\Java\jdk1.8.0	_45	•	Browse
	^^ Note: current update as of 9/2/15 is 60		
	< <u>B</u> ack	Next >	Cancel

# Note: NetBeans Location

G → ↓ Libraries → Documents → M	/y Documents → NetBeansProjects →
Organize 🔻 😭 Open Sh re with 🔻	E-mail Burn New folder
A BetBeansProjects	ts for NetBeans will be here
MyFirstProgram	NetBeansProjects
bund bun	Name
4 퉲 src	MyFirstProgram
Myfirstprogram	
DeNote Notebooks	<sup>rce</sup> code for MyFirstProgram

Review summary and click Install: Note: current update as of 9/2/15 is 60	
Java SE Development Kit and NetBeans IDE Installer	
Summary Click Install to start the installation.	ORACLE
JDK 8 Update 45 Installation Folder: C:\Program Files\Java\jdk1.8.0_45	
NetBeans IDE Installation Folder: C:\Program Files\WetBeans 8.0.2	
JUnit library will be downloaded and installed during installation of NetBeans IDE.	
☑ Check for Updates The NetBeans installer can automatically check for updates of installed plugins using your Internet connection.	
Total Installation Size: 749.3 MB	
< <u>B</u> ack Inst	tall Cancel

The time for installing will depend on your computer's CPU speed and hard drive speed

🛓 Java SE Development Kit a	nd NetBeans IDE Installer	
Java: Installation Please wait while the	ne installer installs NetBeans IDE and runtimes.	ORACLE
Installing JDK 8 Update 45	Note: current update as of 9/2/15 is 60	
	2%	
Running JDK installer		
		Next > Cancel

Determine if you want to send usage statistics, deselect if not, then click Finish

Java SE Development Kit and NetBeans IDE Installer		
Setup Complete Click Finish to finish the NetBeans IDE setup.	ORACLE	
Installation completed successfully.		
JUnit library and 22 updates successfully installed.		
To launch the IDE, use either the Start menu or the NetBeans desktop icon.		
To change installed components and add NetBeans plugins, use Plugin Manager that is an integr IDE.	al part of NetBeans	
Contribute to the NetBeans project by providing anonymous usage data		
<ul> <li>If you agree to participate, the IDE will keep track of the high-level features you use</li> <li>The collected anonymous data will be submitted to a usage statistics database at netb</li> </ul>	eans.org server	
The usage statistics will help the development team to better understand user requirements and prioritize improvements in future releases. We cannot and will not reverse-engineer that collected data to find specific details concerning your projects. See <u>more information</u> .		
	Einish	

► Computer ► Local Disk (C:) ► Program Files ► Java ► jdk1.8.0\_45 ► bin Organize 🔻 🔂 Open Burn New folder 📗 Java \* Name Date mo b jdk1.8.0\_45 appletviewer.exe 5/25/201 bin extcheck.exe 5/25/201 🔒 db 💷 idlj.exe 5/25/201 include jabswitch.exe 5/25/201 📗 jre 💷 jar.exe 5/25/201 📗 lib jarsigner.exe 5/25/201 📜 javafx-src.zip 🛓 java.exe 5/25/201 jre1.8.0\_45 javac.exe 5/25/201 Lame For Audacity 💷 javadoc.exe 5/25/201 McAfee - --- ---

Java Compiler Location: "C:\Program Files\Java\jdk1.8.0\_45\bin"

NetBeans Location: "C:\Program Files\NetBeans 8.0.2\bin"



Note: current update as of 9/2/15 is 60



### Addendum – Increasing Size of Output Text in NetBeans

## Addendum - Changing Default value for @author

If you want to have the @author field default to your name, select Tools then Templates



### Addendum - Changing Default value for @author, continued

#### This is the default Template:



### Change the user line



Then save and close template. This change will take effect for the next new project.