

Practices - Section 1

Part 0: Download the JDK8 and NetBeans IDE bundle

Overview

Download JDK8 and the NetBeans IDE. **You will need JDK8 for this course.**

Tasks

1. Go to the Java SE downloads page:

<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

2. Locate latest Java SE Development Kit (note: version numbers are subject to change).

Java SE Development Kit 8u191

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Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	72.97 MB	jdk-8u191-linux-arm32-vfp-hflt.tar.gz
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Solaris x64	92.13 MB	jdk-8u191-solaris-x64.tar.gz
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5. Save the .exe file to your computer, noting the location.



6. Go to the Netbeans Downloads page at <https://netbeans.org/downloads/8.2/>
7. <https://netbeans.org/downloads/8.2/>

NetBeans IDE 8.2 Download 8.1 | 8.2 | Development | Archive

Email address (optional):













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IDE Language: English Platform: Windows

Note: Greyed out technologies are not supported for this platform

NetBeans IDE Download Bundles

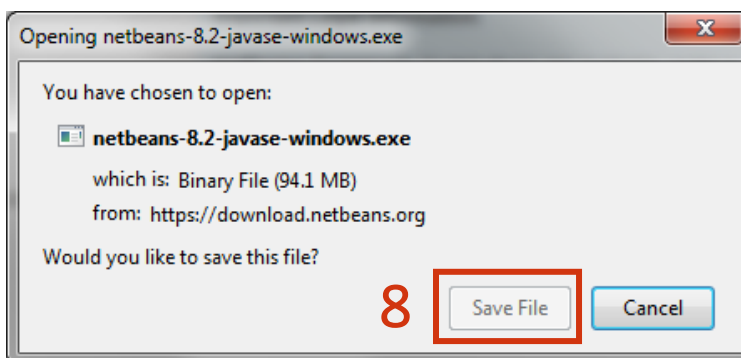
Supported technologies *	Java SE	Java EE	HTML5/JavaScript	PHP	C/C++	All
 NetBeans Platform SDK	•	•				•
 Java SE	•	•				•
 Java FX	•	•				•
 Java EE		•				•
 Java ME						•
 HTML5/JavaScript		•	•	•		•
 PHP			•	•		•
 C/C++					•	•
 Groovy						•
 Java Card™ 3						•
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8. Save the .exe file to your computer, noting the location.



Part 2: Install JDK8 and NetBeans

Overview

Install JDK8 and the NetBeans IDE.

Tasks

1. Locate and run the JDK installer file on your computer to start the installer.
2. Follow on-screen instructions to complete the installation.
3. Locate and run the NetBeans installer file on your computer to start the installer.
4. Follow on-screen instructions to complete the installation.

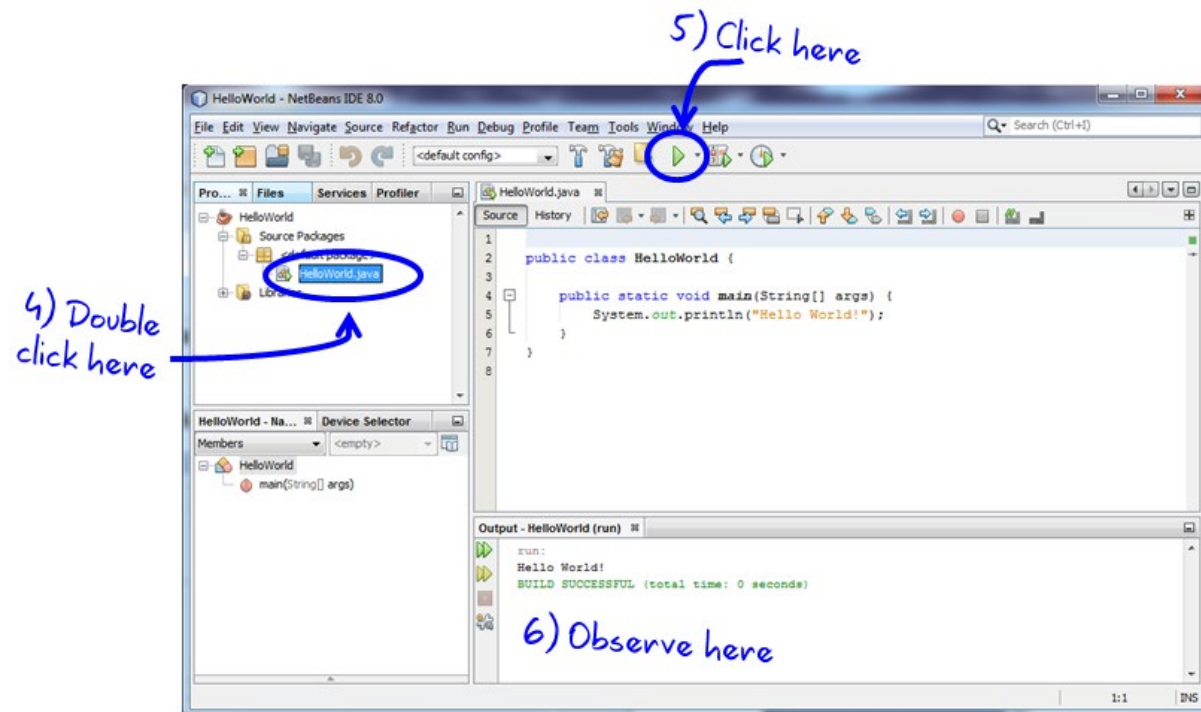
Part 1: Testing NetBeans

Overview

Test NetBeans to verify your installation was successful.

Tasks

1. Download and unzip the HelloWorld Project.
2. Launch NetBeans.
3. Go to *File>Open Project* and select the HelloWorld project.
4. Expand the project and open HelloWorld.java.
5. Compile and run the project.
6. Observe the output



7. Edit the code so that it prints a message other than "Hello World!".
 - Compile and run your code to verify your changes work.
8. Change the 'S' in "System" to lower-case and try to compile.
 - Is Java syntax case-sensitive?
9. Remove the semicolon (;) and try to compile.
 - Is the semicolon important to Java syntax?