

Sams Teach Yourself Java 2 in 21 Days, Fourth Edition

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Fifth Printing Corrections

Pg	Error	Correction
	<p>Throughout the book, the following terms should be replaced as follows:</p> <p>SDK 1.5 becomes JDK 5.0</p> <p>Java 2 Version 1.5 Class Documentation becomes Java 2 Version 5.0 Class Documentation</p> <p>Java 2 Software Development Kit becomes Java Development Kit</p> <p>Software Development Kit becomes Java Development Kit</p> <p>Java 2 version 1.5 becomes Java 2 version 5.0</p> <p>version 1.5 becomes version 5.0</p>	
80	<p>Fourth body text paragraph</p> <p>When you attempt to compile a class containing these statements, the compiler stops with an error message stating that the <u>Math.min()</u> method requires two <u>float</u> printing values as arguments, rather than <u>Float</u> objects.</p>	<p>When you attempt to compile a class containing these statements with a version 1.4 compiler, the compiler stops with an error message stating that the <u>Math.min()</u> method requires two <u>float</u> printing values as arguments, rather than <u>Float</u> objects.</p>

80	<p>Fifth body text paragraph</p> <p>If you enable Java's version 1.5 support, the statements compile successfully.</p>	<p>Using the Java 2 version 1.5 compiler, the statements compile successfully.</p>
80	<p>Paragraph immediately following Caution</p> <p>By default, the SDK compiler does not support autoboxing, unboxing, or the other new features of Java 2 version 1.5. You can enable this support by running the compiler with the flag <code>-source 1.5</code> as in the following command:</p> <pre>Javac -source 1.5 Outliner.java</pre>	<p>By default, the JDK compiler supports autoboxing, unboxing, or the other new features of Java 2 version 1.5. You can disable this support by running the compiler with the flag <code>-source 1.4</code> as in the following command:</p> <pre>Javac -source 1.4 Outliner.java</pre>
167	<p>Third paragraph from bottom of page</p> <p>The SDK and other Java development tools look for packages in the folders listed in the systems' <u>Classpath</u>. The package name is also taken into account, so if <code>c:\jdk1.5\package</code> is in your <u>CLASSPATH</u>, <u>Storefront.class</u> and <u>Item.class</u> could be stored in <code>c:\jdk1.5\package\org\cadenhead\ecommerce</code>.</p>	<p>The SDK and other Java development tools look for packages in the folders listed in the systems' <u>Classpath</u>. The package name is also taken into account, so if <code>c:\jdk5.0\package</code> is in your <u>CLASSPATH</u>, <u>Storefront.class</u> and <u>Item.class</u> could be stored in <code>c:\jdk5.0\package\org\cadenhead\ecommerce</code>.</p>

229	<p>Paragraph and code immediately before Caution</p> <p>Like other language features introduced in Java 2 version 1.5, it only works if the <u>-source 1.5</u> flag is used when the class is compiled, as in this command:</p> <p><u>Javac -source 1.5 VLoop.java</u></p>	<p>Like other language features introduced in Java 2 version 5.0, it requires a compiler that supports Java 2 Version 1.5.</p>
236	<p>First paragraph after Listing 8.3</p> <p>The <u>ComicBooks</u> project uses the new autoboxing/unboxing feature in Version 1.5, so it must be compiled with the <u>-source 1.5</u> flag. Here's the SDK command:</p> <p><u>Java -source 1.5 ComicBooks.java</u></p>	<p>The <u>ComicBooks</u> project uses the new autoboxing/unboxing feature in Version 5.0, so it requires a version 1.5 compiler.</p>
239	<p>Sixth body text paragraph</p> <p>Because the vector is declared in this manner, the following statements cause a compiler error when the <u>-source 1.5</u> flag is used:</p>	<p>Because the vector is declared in this manner, the following statements cause a compiler error:</p>
241	<p>Delete first sentence on page</p> <p>The class must be compiled with the <u>-source 1.5</u> flag.</p>	
399	<p>Paragraph immediately preceding Note</p> <p>This attribute can specify a general version (such as "<u>1.3</u>", "<u>1.4</u>", or "1.5")...</p>	<p>This attribute can specify a general version (such as "<u>1.3</u>", "<u>1.4</u>", or "5.0")...</p>
645	<p>Last paragraph</p> <p>When you're looking for this product, you</p>	<p>When you're looking for this product, you might</p>

might find that the **Software** Development Kit's version number has a third number after **1.5**, such as "**SDK 1.5.1**."...Choose the most advanced version of **SDK 1.5** that's offered, whether it's numbered **1.5.0**, **1.5.1**, **1.5.2**, or higher.

find that the **Java** Development Kit's version number has a third number after **5.0**, such as "**JDK 5.0.1**."...Choose the most advanced version of **JDK 5.0** that's offered, whether it's numbered **5.0**, **5.0.1**, **5.0.2**, or higher.

652	<p>Last paragraph</p> <p>If <code>java -version</code> works and you see a version number, it should begin with 1.5 because you are using SDK 1.5. Sun sometimes tacks on a third number, but as long as it begins with 1.5 you are using the correct version of the Software Development Kit.</p>	<p>If <code>java -version</code> works and you see a version number, it should begin with 5.0 because you are using JDK 5.0. Sun sometimes tacks on a third number, but as long as it begins with 5.0 you are using the correct version of the Java Development Kit.</p>
672	<p>Second and third body text paragraphs plus line of code</p> <p>If you are compiling a program that uses assertions, you must use the <code>-source 1.5</code> option, as in this command:</p> <p><code>Javac -source 1.5 Outline.java</code></p> <p>If the <code>-source</code> option is not used and you try to compile a program that contains assertions, <code>javac</code> displays an error message and won't compile the file.</p>	<p>If you are compiling a program that should ignore assertions, you can use the <code>-source 1.3</code> option, as in this command:</p> <p><code>Javac -source 1.3 Outline.java</code></p> <p>If this option is used and you compile a program that contains assertions, <code>javac</code> will ignore the assertions and compile the rest of the file.</p>

This errata sheet is intended to provide updated technical information. Spelling and grammar misprints are updated during the reprint process, but are not listed on this errata sheet.