

Errata for Java Software Solutions**6th Edition / 1st Printing**

The known errors in the first printing of the sixth edition of **Java Software Solution** are listed below. The author has assigned a severity level to each entry using the following guidelines:

- Low – inconsequential typographic or formatting errors.
- Medium – incorrect information or potentially confusing text.
- High – a significant and probably misleading error.

These errors will be corrected at the first opportunity in upcoming printings or editions of the book. Please report any additional errors to john.lewis@acm.org.

<u>Page</u>	<u>Severity</u>	<u>Description</u>
34	Medium	Listing 1.2: the blue reserved words are missing. The header for the class should read public class Lincoln2 , with <code>public</code> and <code>class</code> in blue type. The header for the <code>main</code> method should read public static void main , with <code>public</code> , <code>static</code> , and <code>void</code> in blue type.
66	Low	In the syntax box examples, a space should be inserted between the words double and num1
66	Medium	Listing 2.5: the blue reserved words are missing. The header for the class should read public class PianoKeys , with <code>public</code> and <code>class</code> in blue type. The header for the <code>main</code> method should read public static void main (String[] args) , with <code>public</code> , <code>static</code> , and <code>void</code> in blue type. The declaration type of the variable <code>keys</code> is missing (top of page 67); it should be int (in blue type).
68	Medium	Listing 2.6: in the class header, there should be a space between the words public and class . The first line of the <code>main</code> method should be a declaration int sides = 7; with <code>int</code> in blue type.
90	Medium	Listing 2.9: the blue reserved words are missing. The word <code>import</code> is missing in the import statement at the top. The header for the class should read public class GasMileage , with <code>public</code> and <code>class</code> in blue type. The header for the <code>main</code> method should read public static void main , with <code>public</code> , <code>static</code> , and <code>void</code> in blue type. The int type is missing on the <code>miles</code> variable declaration and the double type is missing on the <code>gallons</code> and <code>mpg</code> variable declaration.

- 96 Medium Listing 2.10: the blue reserved words are missing. The header for the class should read **public class Einstein extends JApplet**, with `public`, `class`, and `extends` in blue type. Similarly, the header for the `paint` method should read **public void paint (Graphics page)**, with `public` and `void` in blue type.
- 102 Medium Listing 2.11: the blue reserved words are missing. The header for the class should read **public class Snowman extends JApplet**, with `public`, `class`, and `extends` in blue type. Similarly, the header for the `paint` method should read **public void paint (Graphics page)**, with `public` and `void` in blue type. The declaration of `MID` should be **final int MID = 150;** and the declaration of `TOP` should be **final int TOP = 50;** with `final` and `int` in blue type.
- 121 Low In the second and third inline figures, a period should be inserted at the end of the string
- 141 Low Figure 3.8: the method name **tohexString** should be **toHexString**
- 148 Low Listing 3.8: the extra slash at the beginning of three comment lines should be deleted (two on page 148 and one on page 149)
- 182 Medium First paragraph: the discussion of default constructors should be clarified; no default constructor is created if we provide one
- 203 Medium PP 4.11 should be deferred until Chapter 5 because it relies on conditionals.
- 216 Low The vertical spacing in the syntax box examples needs adjustment
- 241 Low Last paragraph, last sentence: the quotes around "Here again" should be straight quotes
- 242 Medium Second paragraph, fifth sentence: the phrase **to 10 instead of 1** should be **to 11 instead of 1**
- 259 Low Second paragraph, first sentence: the word **iterable** should be **Iterable**
- 365 Low Figure 6.12: in the description of `Center`, the word **serveral** should be **several**
- 411 Low First paragraph, first sentence: the word **it's** should be **its**
- 423 Low Listing 7.21: in the comment above the `paintComponent` method, the word **intial** should be **initial**

442	Low	Last line on page: the phrase bear live offspring should be produce milk to feed their young
446	Low	Listing 8.3: the <code>computeRatio</code> method should perform floating-point division
447	High	The UML diagram in Figure 8.1 does not match the code (the methods in <code>Dictionary</code> and <code>Book</code> are wrong)
470	Low	Listing 8.13: in the line instantiating the <code>OffCenterPanel</code> , the word new should be in blue type
513	Low	Fourth paragraph, second sentence: the word equals should be in monospace type
516	Low	Fourth paragraph, second sentence: the word interger should be integer
520	Medium	Second paragraph, last sentence: the word performAction should be actionPerformed
520	Low	Third paragraph, first four sentences: the word adaptor should be adapter
546	Low	Listing 10.3: in the <code>main</code> method header, the phrase static public should be the preferred public static
549	Low	Figure 10.1: the word RunTimeException should be RuntimeException
553	Low	Second paragraph, first sentence: the word prinln should be println
556	Low	First paragraph, second sentence: the word faciltate should be facilitate
581	Low	PP 10.6: Add the sentence Combine the two listeners into one. to the end of the problem specification
620	Low	Third paragraph, third sentence: the phrase list of books should be list of magazines
629	High	Listing 12.4: the <code>Scanner</code> object should be instantiated using the <code>Scanner</code> constructor (not a method called <code>create</code>)
672	Medium	Third paragraph, second sentence: the value 1976 should be 1967
681	Low	Second sentence: the word Compae should be Compare
683	Low	The third paragraph should not be indented

759 High The answer to SR 5.8 part C should be **blue yellow** and the answer to SR 5.11 part A should be **red orange white green**