

TeenCoder™: Java Programming

Second Edition Errata Sheet

Updated November 9th, 2016

This document lists the known typographical or other corrections to the *TeenCoder™: Java Programming* Second Edition course.

- Chapter One, Lesson Two, page 20 (early printings):

The example function listed for **calculate_circle_area()** uses the formula for circle circumference, not area. The correct function should read:

```
double calculate_circle_area(double radius)
{
    return 3.14159265 * (radius * radius);
}
```

- Chapter Two, Lesson Two, page 39:

The example given for running the “java” JVM using a full Windows path (which is only necessary in very rare error scenarios) contains a typo. The “.java” extension should not be added to HelloWorld. The correct example is shown below.

```
"C:\Program Files\Java\jre7\bin\java" HelloWorld
```

Students should continue to use the correctly documented short form on page 39 as the first choice unless the “java” JVM is not in their system path for some reason:

```
java HelloWorld
```

- Chapter Two and Three, pages 34-58:

In several locations the definition of the **main()** function is given as:

```
public static void main(String args[])
```

The opening and closing square brackets [] should go after “String”, not after “args”:

```
public static void main(String[] args)
```

All provided activity starter and solution code has the correct format, and any **main()** function generated for you by the Eclipse IDE will also have the correct format.

- Chapter Two, Bonus Lesson: JavaDoc

The JavaDoc bonus lesson has been updated to clearly specify the location of the class-level comments. Please see the updated document linked from our Errata page.

- Chapter Four Test:

Question 9 has an inadvertent space at the end of answer “A”. The correct line for answer “A” should read:

```
A. String myString = "Home, sweet home.";
```

- Chapter Five Activity:

One line of the activity instructions contains small typos in regards to the case of the string variables. In order to match the expected output and provided activity solution, please change this activity document line from...

Initialize them with the values “bibbety”, “bobbety”, “boo”, and “BIBBETY”.

...to:

Initialize them with the values “Bibbety”, “Bobbety”, “Boo”, and “BIBBETY”.

- Chapter Nine Activity:

The activity starter code is not consistent with respect to the activity instructions and the activity solution. The starter code contains these lines:

```
// Create a Scanner class variable to handle user input
Scanner input = new Scanner(System.in);

// Ask the user for a temperature in Fahrenheit
// Place the result in a variable
System.out.print("Enter a temperature in Fahrenheit: ");
temp = input.nextLine();

// Convert the user's value from Fahrenheit to Celsius and
output the result
celsiusTemp = FahrenheitToCelsius(fahrenheitTemp);
```

The highlighted lines should be changed as indicated below.

```
// Create a Scanner class variable to handle user input
Scanner input = new Scanner(System.in);

// Ask the user for a temperature in Fahrenheit
// Place the result in a variable
System.out.print("Enter a temperature in Fahrenheit: ");
fahrenheitTemp = input.nextLine();

// Convert the user's value from Fahrenheit to Celsius and
output the result
celsiusTemp = FahrenheitToCelsius(temp);
```