Documentation

The Java™ Tutorials

Trail: Learning the Java Language
Lesson: Numbers and Strings

The Java Tutorials have been written for JDK 8. Examples and practices described in this page don't take advantage of improvements introduced in later releases.

Numbers

This section begins with a discussion of the `Number` class in the `java.lang` package, its subclasses, and the situations where you would use instantiations of these classes rather than the primitive number types.

This section also presents the `PrintStream` and `DecimalFormat` classes, which provide methods for writing formatted numerical output.

Finally, the `Math` class in `java.lang` is discussed. It contains mathematical functions to complement the operators built into the language. This class has methods for the trigonometric functions, exponential functions, and so forth.