**Formatting numeric print output**

System.out.format("The value of " + "the float variable is " +

"%f, while the value of the " + "integer variable is %d, " +

"and the string is %s", floatVar, intVar, stringVar);

The first parameter, format, is a format string specifying how the objects in the second parameter, args, are to be formatted. The format string contains plain text as well as *format specifiers*, which are special characters that format the arguments of Object... args. (The notation Object... args is called *varargs*, which means that the number of arguments may vary.)

Format specifiers begin with a percent sign (%) and end with a *converter*. The converter is a character indicating the type of argument to be formatted. In between the percent sign (%) and the converter you can have optional flags and specifiers. There are many converters, flags, and specifiers, which are documented in [java.util.Formatter](https://docs.oracle.com/javase/8/docs/api/java/util/Formatter.html).



