All the formatting routines are in the java.text package. The package is

quite sophisticated, and includes things like displaying currency using the

units and display format for a number of different countries.

Here's an example of simple decimal formatting:

double numberToFormat = 7.89543;

NumberFormat numberFormatter = NumberFormat.getInstance();

numberFormatter.setMaximumFractionDigits(2);

String formattedNumber = numberFormatter.format(numberToFormat);

System.out.println(formattedNumber);

Note: The call to system.out.println passes in the String that represents

the

formatted number, not the original double variable.

The DecimalFormat class in the java.text package provides number formatting

capabilities. For example

import java.text.DecimalFormat;

...

DecimalFormat money = new DecimalFormat("###0.00");

System.out.println(money.format(amount));