The format Function

Let's look at an example, where string strings can be very useful. The standard library has a **to_string()** function (starting in C++11) which works for all types of numbers. Unfortunately, for floating-point numbers, you have **no control over the output format**, which isn't very useful. Let's fix that.

Here's a short function with two arguments: a **double** for the value, and the number of decimal digits to display The function returns the value as a formatted string. (Note the default argument, which makes the function easier to use.)

```
string format(double value, int digits=2)

costringstream out;
out << fixed << setprecision(digits) << value;
return out.str();
}</pre>
```

You can use the **format()** function like this:



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