**BBC Coding Kata**

**Roman Numerals**

The purpose of this exercise is not simply to solve the problem; instead, we are interested in *how you approach* the problem.

Please complete the coding exercise and then submit the code listing to your email contact at the BBC. Please explain your approach, assumptions made, or caveats to your solution and add these to the email.

**Please develop this as you would a piece of production code, with all the functional and non-functional considerations that implies. We are particularly interested in the following:**

* **Testing**
* **Performance**
* **Maintainability**

**The problem**

We need to write a JavaScript function that converts a number into a Roman Numeral.

function romanNumeralGenerator (int) {

}

For example, see the following sample inputs and outputs:

1 = “I”

5 = “V”

10 = “X”

20 = “XX”

3999 = “MMMCMXCIX”

**Caveat**: Only support numbers between 1 and 3999

For an in-depth description of Roman Numerals, see <http://en.wikipedia.org/wiki/Roman_numerals>