

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 explain your approach, assumptions made, or caveats to your solution.

We are particularly interested in the following:

- Code quality
- Code readability
- Testing - TDD

The problem

In whatever language you prefer, write a class that implements the following interface (example given in Java):

```
public interface RomanNumeralGenerator {  
    public String generate(int number);  
}
```

For example, see the following sample inputs and outputs:

1 = "I"
5 = "V"
10 = "X"
20 = "XX"
60 = "LX"
90 = "XC"
200 = "CC"
3999 = "MMMCMXCIX"

Caveat: Only support numbers between 1 and 3999

Symbol	<u>I</u>	<u>V</u>	<u>X</u>	<u>L</u>	<u>C</u>	<u>D</u>	<u>M</u>
Value	1	5	10	50	100	500	1,000