



ROMAN NUMERALS KATA

Please follow the requirements below, pairing and test driving your code of course, and have fun.

REQUIREMENTS

Problem Description

Given a positive integer number (eg 42) determine its Roman numeral representation as a String (eg "XLII").

You cannot write numerals like IM for 999.

Wikipedia states "Modern Roman numerals are written by expressing each digit separately starting with the leftmost digit and skipping any digit with a value of zero."

Examples:

1 -> "I" | 10 -> "X" | 100 -> "C" | 1000 -> "M"
2 -> "II" | 20 -> "XX" | 200 -> "CC" | 2000 -> "MM"
3 -> "III" | 30 -> "XXX" | 300 -> "CCC" | 3000 -> "MMM"
4 -> "IV" | 40 -> "XL" | 400 -> "CD" | 4000 -> "MMMM"
5 -> "V" | 50 -> "L" | 500 -> "D" |
6 -> "VI" | 60 -> "LX" | 600 -> "DC" |
7 -> "VII" | 70 -> "LXX" | 700 -> "DCC" |
8 -> "VIII" | 80 -> "LXXX" | 800 -> "DCCC" |
9 -> "IX" | 90 -> "XC" | 900 -> "CM" |

1990 -> "MCMXC" (1000 -> "M" + 900 -> "CM" + 90 -> "XC")

2008 -> "MMVIII" (2000 -> "MM" + 8 -> "VIII")

99 -> "XCIX" (90 -> "XC" + 9 -> "IX")

47 -> "XLVII" (40 -> "XL" + 7 -> "VII")