

# ROMAN NUMERALS

## CHALLENGE DESCRIPTION:

Many persons are familiar with the Roman numerals for relatively small numbers. The symbols **I** (capital i), **V**, **X**, **L**, **C**, **D**, and **M** represent the decimal values 1, 5, 10, 50, 100, 500 and 1000 respectively. To represent other values, these symbols, and multiples where necessary, are concatenated, with the smaller-valued symbols written further to the right. For example, the number 3 is represented as **III**, and the value 73 is represented as **LXXIII**. The exceptions to this rule occur for numbers having units values of 4 or 9, and for tens values of 40 or 90. For these cases, the Roman numeral representations are **IV** (4), **IX** (9), **XL** (40), and **XC** (90). So the Roman numeral representations for 24, 39, 44, 49, and 94 are **XXIV**, **XXXIX**, **XLIV**, **XLIX**, and **XCIV**, respectively.

Write a program to convert a cardinal number to a Roman numeral.

## INPUT SAMPLE:

Your program should accept as its first argument a path to a filename. Input example is the following

159  
296  
3992

Input numbers are in range [1, 3999]

## OUTPUT SAMPLE:

Print out Roman numerals.

CLIX  
CCXCVI  
MMMCMXCII