08. Roman Numeral Validator and Converter

Condition:

Write a program that validates and converts Roman numerals to Arabic numerals. The program should recognize correctly written Roman numerals and convert them to their corresponding Arabic values.

Input:

- A string containing a Roman numeral is entered on the first line.

Output:

- The result of the conversion is output as an integer. If the Roman numeral is invalid, an error message is output.

Examples:

Input	Output
MCMXCIV	1994
INVALID	Error: Invalid Roman numeral