

Validating Roman Numerals

You are given a string, and you have to validate whether it's a valid Roman numeral. If it is valid, print *True*. Otherwise, print *False*. Try to create a regular expression for a valid Roman numeral.

Input Format

A single line of input containing a string of Roman characters.

Output Format

Output a single line containing *True* or *False* according to the instructions above.

Constraints

The number will be between **1** and **3999** (both included).

Sample Input

CDXXI

Sample Output

True

References

Regular expressions are a key concept in any programming language. A quick explanation with Python examples is [available here](#). You could also go through the link below to read more about regular expressions in Python.

<https://developers.google.com/edu/python/regular-expressions>