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Practice › Python › Regex and Parsing › Validating Roman Numerals

Validating Roman Numerals ☆

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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

Author	harsh_beria93
Difficulty	Easy
Max Score	20
Submitted By	5800

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```
1   regex_pattern = r"M{0,3}(C[MD]|D?C{0,3})(X[CL]|L?X{0,3})(I[VX]|V?
    I{0,3})$"
2
```

```
4   import re
5   print(str(bool(re.match(regex_pattern, input()))))
```

Line: 4 Col: 1

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