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

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```
1    regex_pattern = r"^M{0,3}(CM|CD|D?C{0,3})(XC|XL|L?X{0,3})(IX|IV|V?I{0,3})$" # Do not delete 'r'.
2
3    import re…
```

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⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

✓ **Test case 0**   Compiler Message

✓ Test case 1   Success

✓ Test case 2 🔒   Input (stdin)   **Download**

✓ Test case 3 🔒   1 │ **CDXXI**

✓ Test case 4 🔒   Expected Output   **Download**

✓ Test case 5 🔒   1 │ **True**

✓ Test case 6 🔒

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