
Roman numbers (2)

P29253_en

Write a program that reads Roman numbers and prints their values.

Input

Input consists of several Roman numbers, as explained in the exercise P18298: “Roman numbers (1)”. Every number ends in a period.

Output

For each Roman number, print its value.

Sample input

```
I.  
IV.  
X.  
XL.  
XLI.  
XVI.  
MMDCCVIII.  
CMXCIX.  
MMMV.
```

Sample output

```
I = 1  
IV = 4  
X = 10  
XL = 40  
XLI = 41  
XVI = 16  
MMDCCVIII = 2708  
CMXCIX = 999  
MMMV = 3005
```

Problem information

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Generation : 2016-12-14 09:51:05

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