

## 23 Roman calculator

10 points

### Introduction

Maximilian lives in the Roman Empire and he has a grocery.

The business goes very well but he has a little problem: all the prices are in roman numerals and making sums with them is a painfully task.

Thank to Mercury, patron god of commerce, you are his friend, a well-known programmer in the empire. Help to Maximilian making a roman calculator for attend customers faster.

Roman Numerals	
I	1
V	5
X	10
L	50
C	100
D	500
M	1000

### Input

The input will be a sequence of roman numerals ended with a +

I  
II  
IV  
VI  
+

### Output

The output will be the sum of the given roman numerals, also in roman  
The sum always will be less than 4000

XIII

