

Question: Given any string that is a roman numeral, convert it into an integer.

Constraints:

- $1 \leq s.length \leq 15$
- s only contains valid input
- s is a valid Roman numeral

Function:

input: `def rtoi(str)` 

Output: another string

How to go about it: hash

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

- get string
- initialize values for the accumulation of the number (sum) and to hold the next one (prev)

- Create ↓ this in program.

- run through the dict backward

$S[::-1]$

←
IV, prev is smaller

- initialize variable (curr) to hold the current value of the dict

- if $prev > curr$, if the prev value is greater, subtract the sum, if not, add to

- $prev = curr$, return sumcount