

1. make a function which converts the roman numerals  
follow four basic rules

2. make a function which does the reverse

3. make it interactive?  
read from a file?  
allow input.

Try int(input)

except

Try str(input)  
except

if input = string:

check for sub.

add total

remove 1 or 2 front numbers

depending on subtraction

152  
↓ ↓ ↓  
100 50 2

154  
↓ ↓ ↓  
100 50 5-1/4

$$152 \% 10 = 2$$

$$152 // 10 = 15$$

$$15 \% 10 = 5 \cdot 10$$

$$15 // 10 = 1$$

$$1 // 10 = 1 \cdot 100$$

$$152 // 100 = 1$$

rom\_num = 'CLII'

num // divide\_by 152 // 10

divide by \* = 10 152 // 100

Just subtract  
the next num