num\_map = [ (1000, 'M') , (900, 'CM'), (500, "D"), (400, "CD"), (100, "C"), (90, "XC"), (50, "L"), (40, "XL"), (10, "X"), (9, "IX"), (5, "V"), (4, "IV"), (1, "I") ]

def num2roman(num):

roman = ''

while num > 0:

for i,r in num\_map:

while num >=i:

roman += r

num -= i

return roman