**QUESTION 9**

* **CODE :-**

def romanToInt(s):

roman\_values = {

'I':1,

'V':5,

'X':10,

'L':50,

'C':100,

'D':500,

'M':1000

}

total = 0

prev\_value = 0

for char in s[::-1]:

current\_value = roman\_values[char]

if current\_value < prev\_value:

total -= current\_value

else:

total += current\_value

prev\_value = current\_value

return total

s = input('Enter the roman numeral: ')

print(f'The Hindu-Arabic numeral for {s} is {romanToInt(s)}.')

* **OUTPUT :-**

Enter the roman numeral: LVIII

The Hindu-Arabic numeral for LVIII is 58.

Enter the roman numeral: MCMXCIV

The Hindu-Arabic numeral for MCMXCIV is 1994.