Question: https://leetcode.com/problems/roman-to-integer/

We create a dictionary using Hashmap which shows what every symbol’s numerical value is.

So now we iterate through the string and add the value of the characters, until we find that a character with smaller value is present before a character with larger value.

Like IV, IX etc.

In those cases we subtract the smaller value.

Code:  
class Solution {

HashMap<Character, Integer> dic = new HashMap<>();

public int romanToInt(String s) {

dic.put('I',1);

dic.put('V',5);

dic.put('X',10);

dic.put('L',50);

dic.put('C',100);

dic.put('D',500);

dic.put('M',1000);

int n = 0;

int present = 0, upcoming = dic.get(s.charAt(0));

for(int i=0; i<s.length()-1; i++){

present = dic.get(s.charAt(i));

upcoming = dic.get(s.charAt(i+1));

if(present<upcoming){

n-=present;

}else{

n+=present;

}

}

n+=upcoming;

return n;

}

}

Github Link :<https://lnkd.in/ecwtJeaz>