# 13. Roman to Integer

## SOLUTION IN JAVA

class Solution {

public int romanToInt(String s) {

int ans = 0;

int[] roman = new int[128];

roman['I'] = 1;

roman['V'] = 5;

roman['X'] = 10;

roman['L'] = 50;

roman['C'] = 100;

roman['D'] = 500;

roman['M'] = 1000;

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

if (roman[s.charAt(i)] < roman[s.charAt(i + 1)])

ans -= roman[s.charAt(i)];

else

ans += roman[s.charAt(i)];

return ans + roman[s.charAt(s.length() - 1)];

}

}