

Roman to Integer (/problems/roman-to-integer/)

Submission Detail

3999 / 3999 test cases passed.

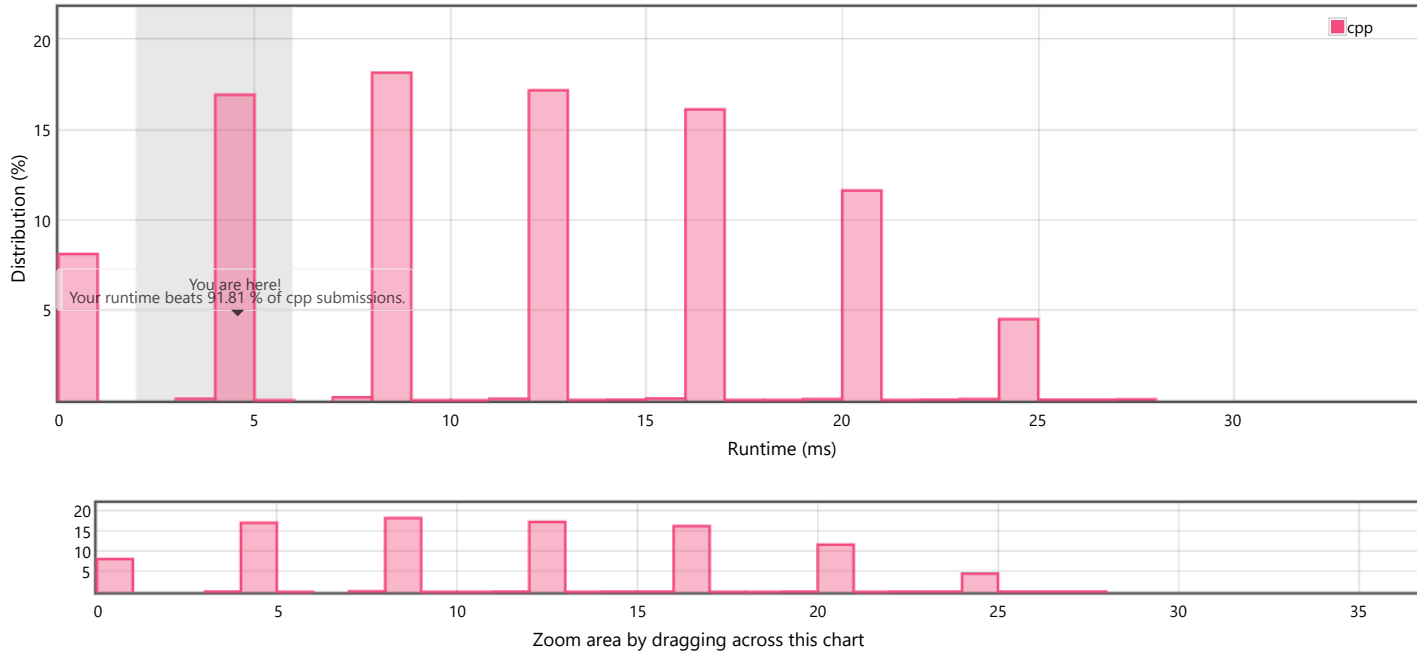
Runtime: **4 ms**

Memory Usage: **8.3 MB**

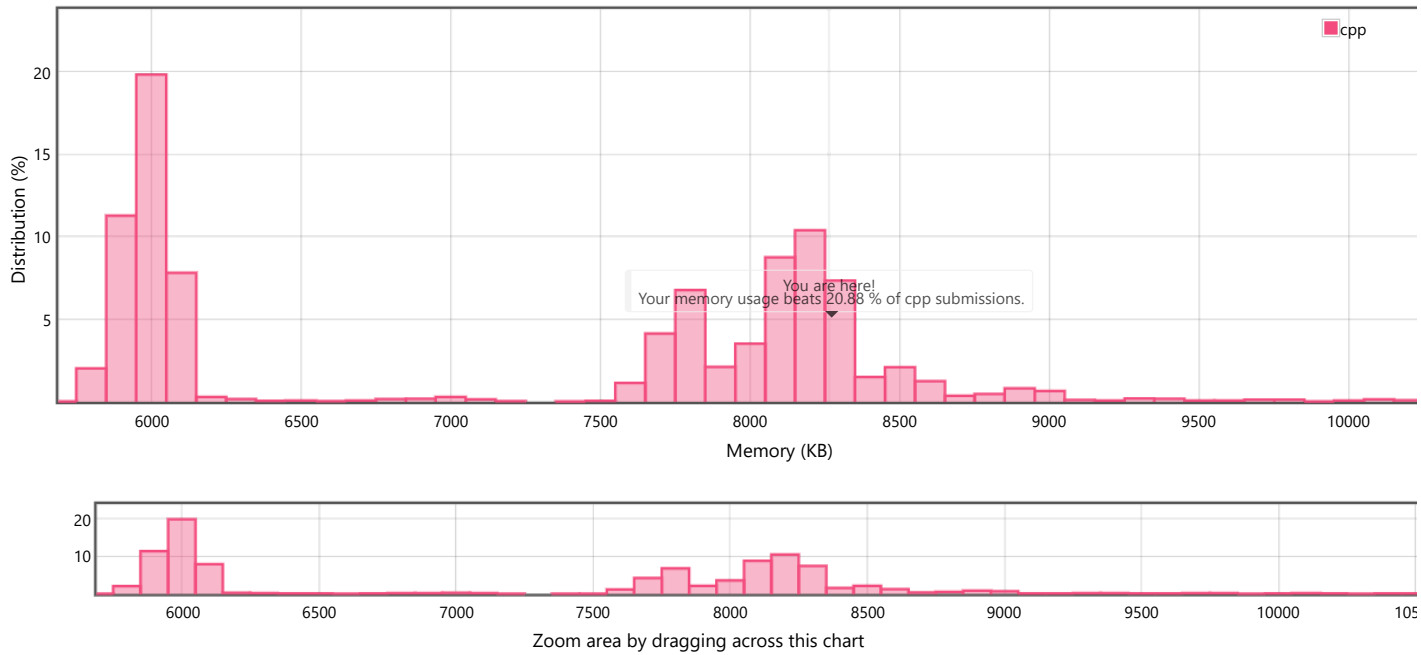
Status: **Accepted**

Submitted: **0 minutes ago**

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge **Roman to Integer**

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Submitted Code: 0 minutes ago

Language: cpp

Edit Code


```
1 class Solution {
2 public:
```

```
3    int romanToInt(string s)
4    {
5        map<char,int> sym = {{'I',1},\
6                             {'V',5},\
7                             {'X',10},\
8                             {'L',50},\
9                             {'C',100},\
10                            {'D',500},\
11                            {'M',1000}};
12
13        int ans = 0;
14        int temp = 0;
15
16        for(int i = 0; i < s.size(); i++)
17        {
18            if(temp<sym[s[i]])
19                ans += (sym[s[i]] - temp*2);
20            else
21                ans += sym[s[i]];
22
23            temp = sym[s[i]];
24        }
25
26        return ans;
27    }
28 }
29 };
```

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