

Move Zeroes (/problems/move-zeroes/)

Submission Detail

21 / 21 test cases passed.

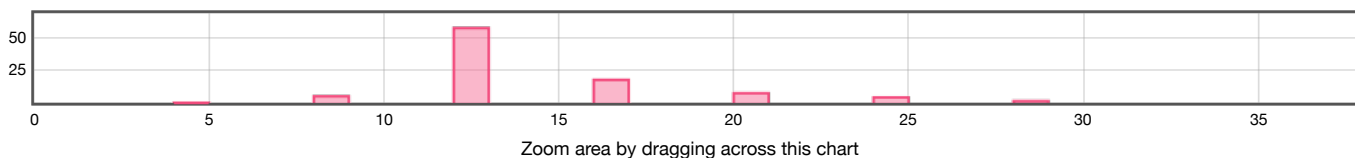
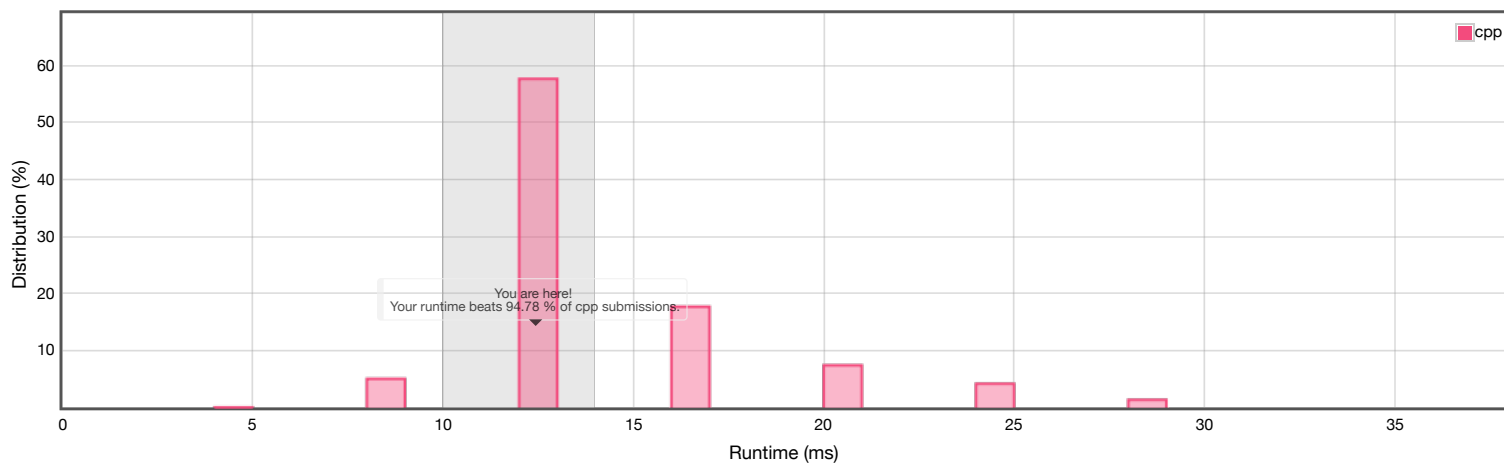
Runtime: 12 ms

Memory Usage: 7.3 MB

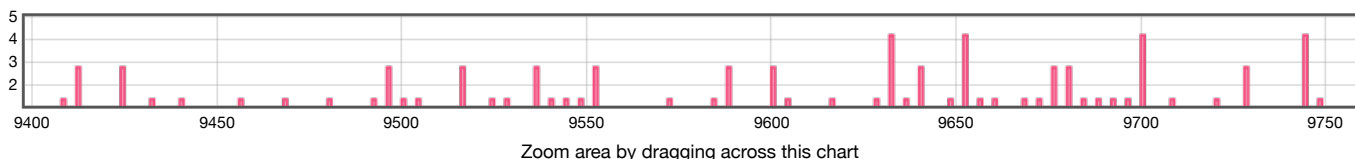
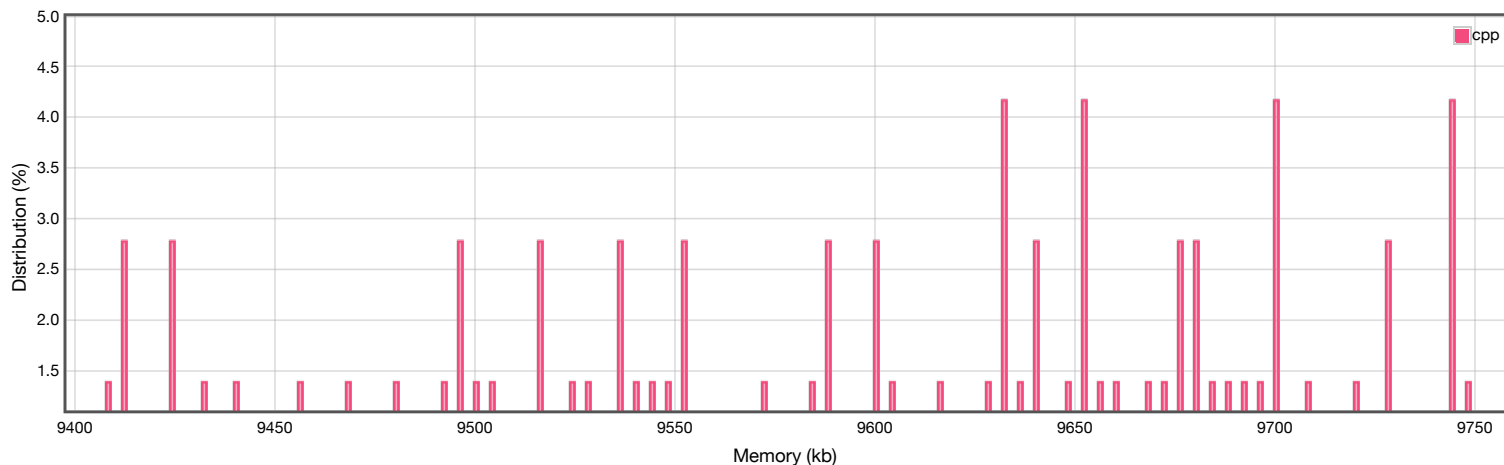
Status: Accepted

Submitted: 0 minutes ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution

Invite friends to challenge **Move Zeroes**

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Submitted Code: 0 minutes ago

Language: cpp

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```
1 class Solution {
2 public:
3     void moveZeroes(vector<int>& nums) {
4         int n = nums.size();
5
6         // Count how many Zeros
7         int numZeros = 0;
8         for (int i = 0; i < n; i++)
9             if (nums[i] == 0)
10                numZeros++;
11
12        // Create vector with non-zero elements
13        vector<int> ans;
14
15        for (int i = 0; i < n; i++)
16            if (nums[i] != 0)
17                ans.push_back(nums[i]);
18
19        // Move zeros to end
20        for (int i = 0; i < numZeros; i++)
21            ans.push_back(0);
22
23        // Reassign result
24        for (int i = 0; i < n; i++)
25            nums[i] = ans[i];
26    }
27 };
```

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