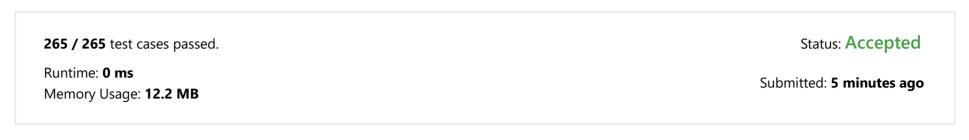
4/18/22, 9:22 PM Next Permutation - Submission Detail - LeetCode ر (/problems/kth-smallest-☆ Premium 8 Explore(/explore/) Problems(/problemset/all/) Interview Contest Discuss(/discuss/) Store(/subscribe?ref=nb\_npl)

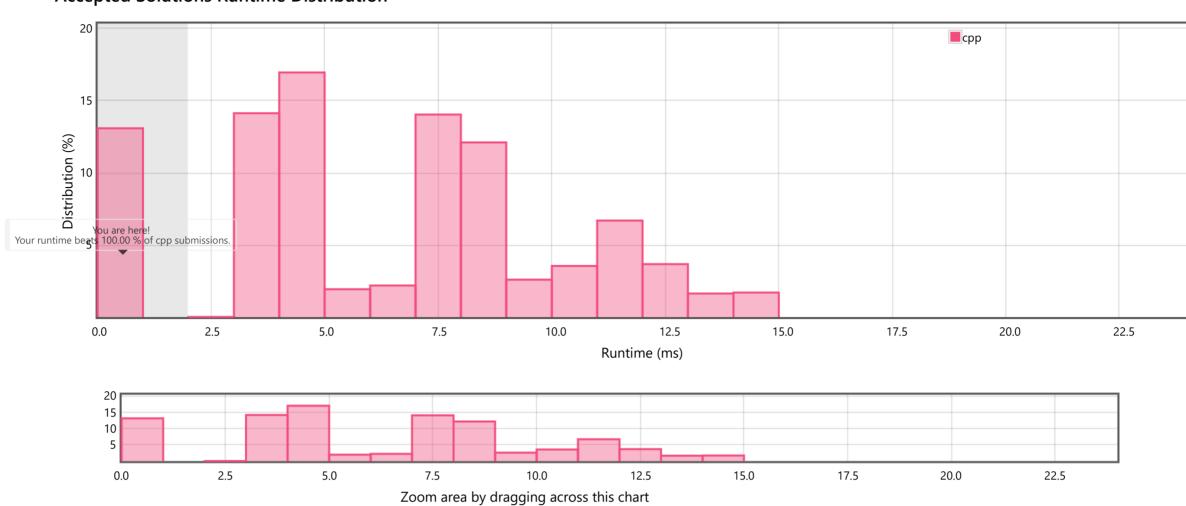
Next Permutation (/problems/next-permutation/)

## **Submission Detail**

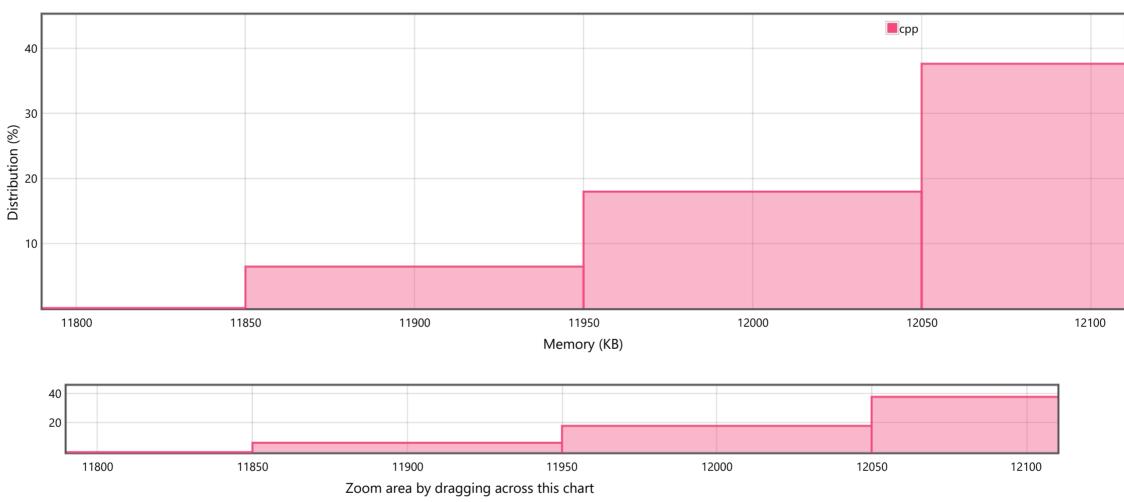


element-in-a-bst/)

## **Accepted Solutions Runtime Distribution**



## **Accepted Solutions Memory Distribution**



Invite friends to challenge **Next Permutation** 

Submitted Code: 5 minutes ago

25

```
Language: cpp
                                                                                                           Edit Code
 1 class Solution {
    public:
 3
        void solve(vector<int>& nums, int divide){
 4
            int n_1 = nums.size() - 1;
 5
            for(int i = n_1; i > divide; i--){
 6
                if(nums[i] > nums[divide]){
 7
                    swap(nums[i], nums[divide]);
 8
                    break;
 9
10
11
            int l = divide + 1;
12
            int r = n_1;
13
            while(l < r)
14
              swap(nums[l++], nums[r--]);
15
16
            return;
17
18
        void nextPermutation(vector<int>& nums) {
19
            int n_1 = nums.size() - 1;
20
            for(int i = n_1; i > 0; i--){
21
                if(nums[i] > nums[i - 1]){
22
                    solve(nums, i - 1);
23
                    return;
24
25
26
            sort(nums.begin(), nums.end());
27
            return;
28
29 };
```

Back to problem (/problems/next-permutation/)

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