

Next Permutation (/problems/next-permutation/)

Submission Detail

265 / 265 test cases passed.

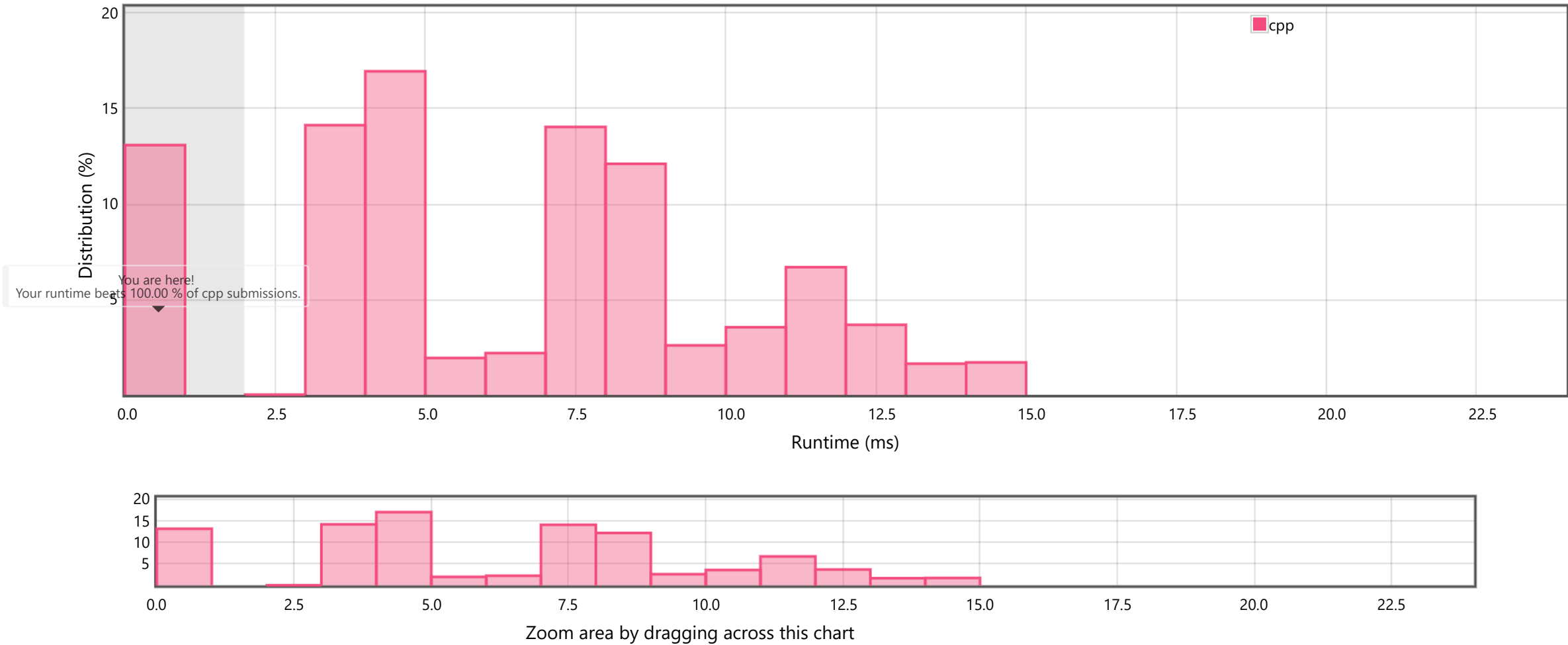
Status: **Accepted**

Runtime: **0 ms**

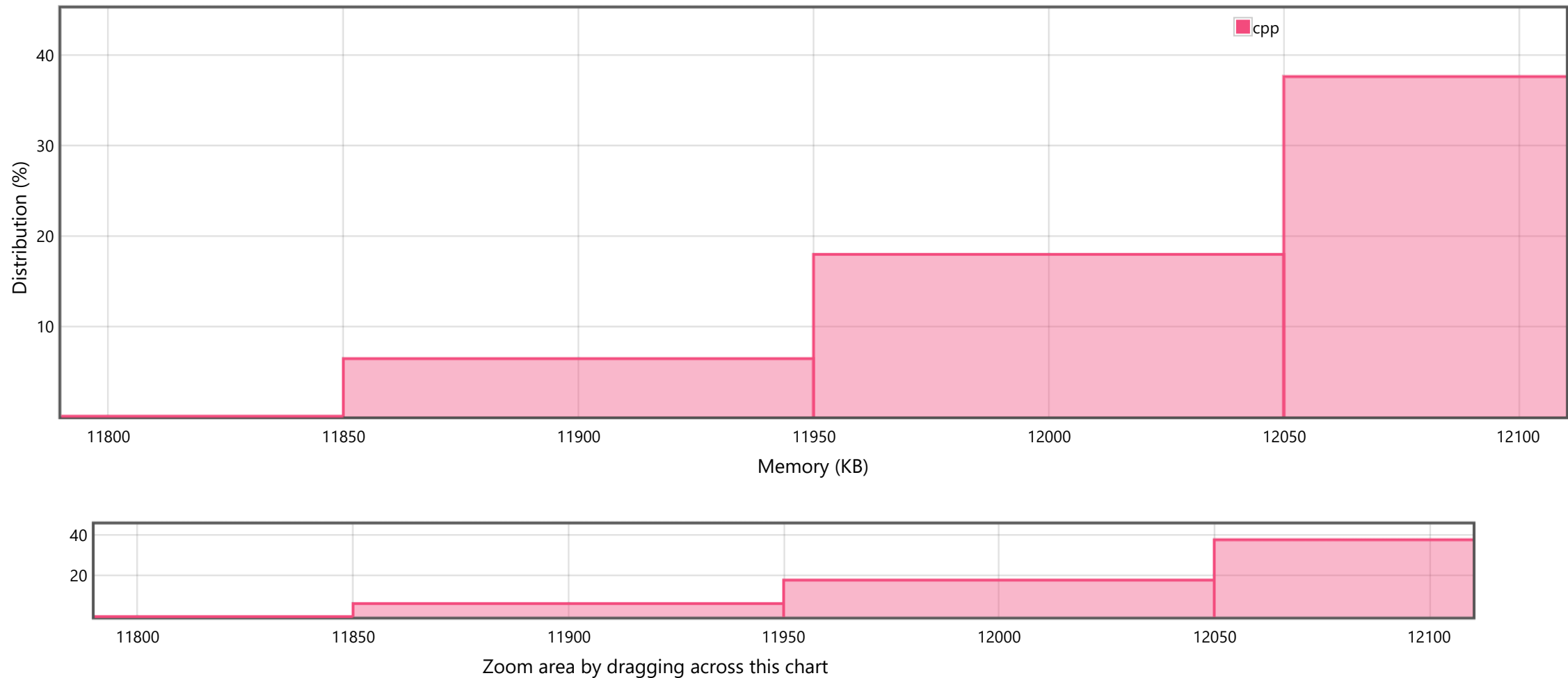
Submitted: **5 minutes ago**

Memory Usage: **12.2 MB**

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge **Next Permutation**

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Submitted Code: 5 minutes ago

Language: cpp

Edit Code

```
1 class Solution {
2 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 };
```

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