

3Sum Closest (/problems/3sum-closest/)

Submission Detail

131 / 131 test cases passed.

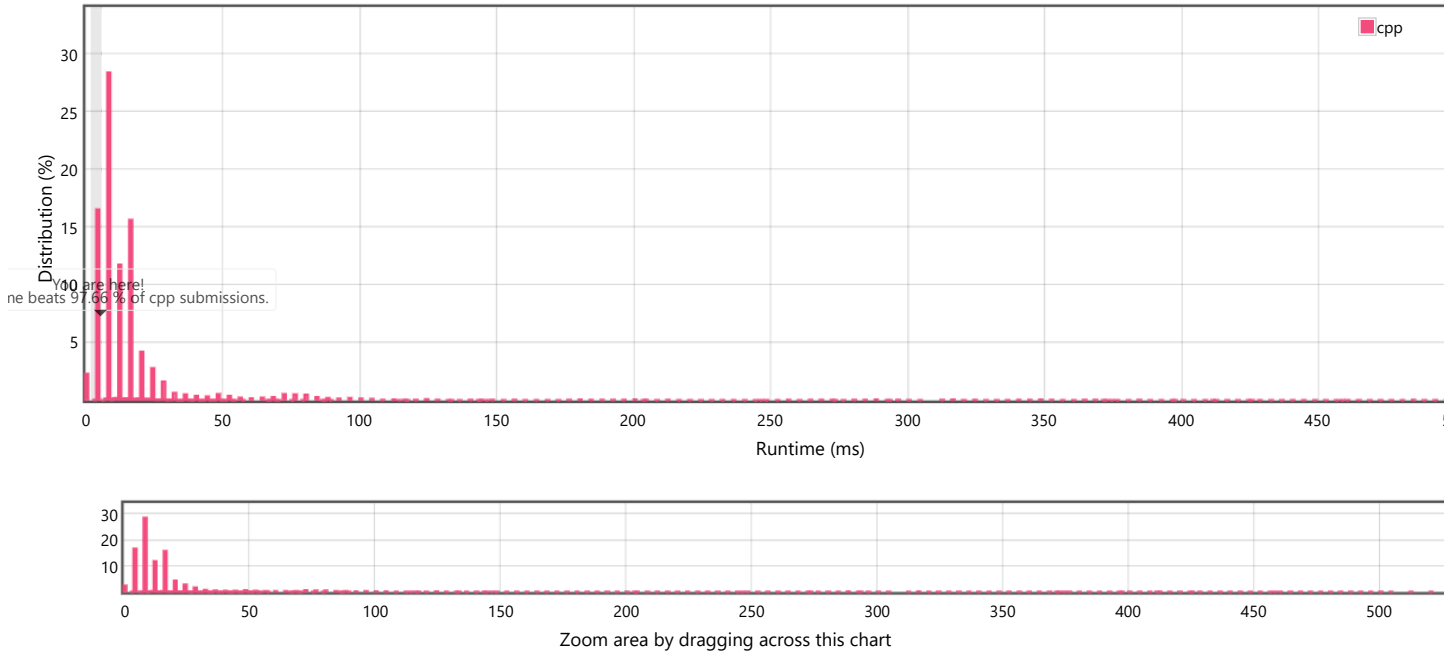
Runtime: 4 ms

Memory Usage: 9.9 MB

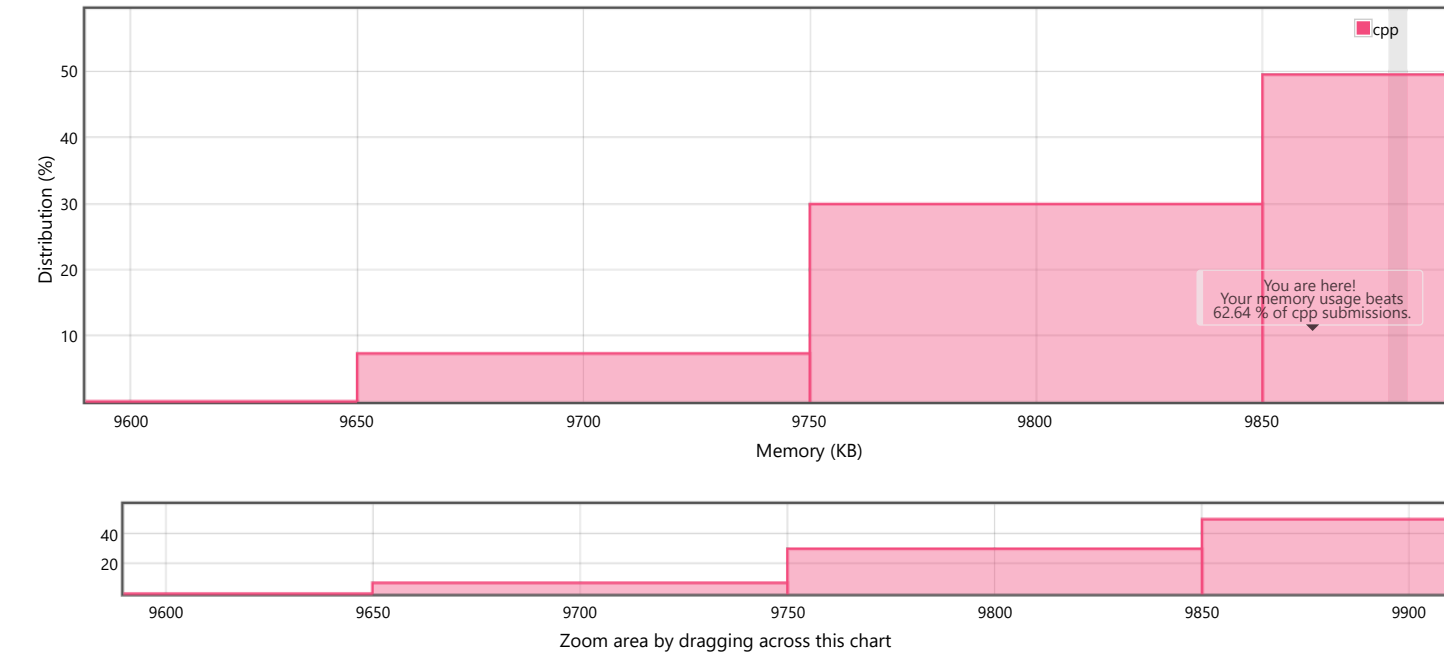
Status: Accepted

Submitted: 0 minutes ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge 3Sum Closest

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Submitted Code: 0 minutes ago

Language: cpp

Edit Code


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

```
3     int threeSumClosest(vector<int>& nums, int target)
4     {
5         int ans = nums[0] + nums[1] + nums[2];
6
7         //Pre process
8         sort(nums.begin(),nums.end());
9
10        for(int i = 0; i < nums.size(); i++)
11        {
12            int start = i+1;
13            int end = nums.size()-1;
14            while(start<end)
15            {
16                int sum = nums[i] + nums[start] + nums[end];
17
18                //Get temp ans
19                if(abs(target - sum) < abs(target - ans))
20                    ans = sum;
21
22                if(sum < target)
23                    start++;
24                else if(sum > target)
25                    end--;
26                else
27                    return ans;
28            }
29        }
30
31        return ans;
32    }
33 }
```

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