

Longest Increasing Subsequence (/problems/longest-increasing-subsequence/)

Submission Detail

54 / 54 test cases passed.

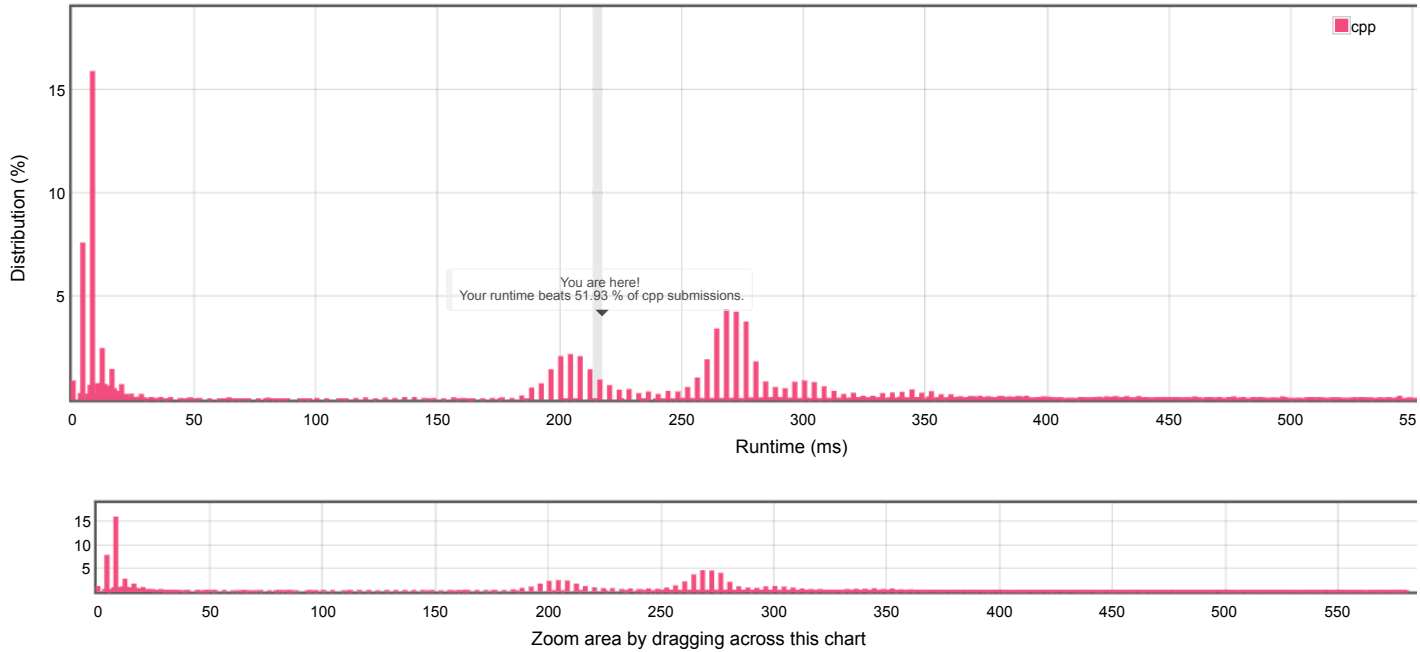
Runtime: 216 ms

Memory Usage: 10.4 MB

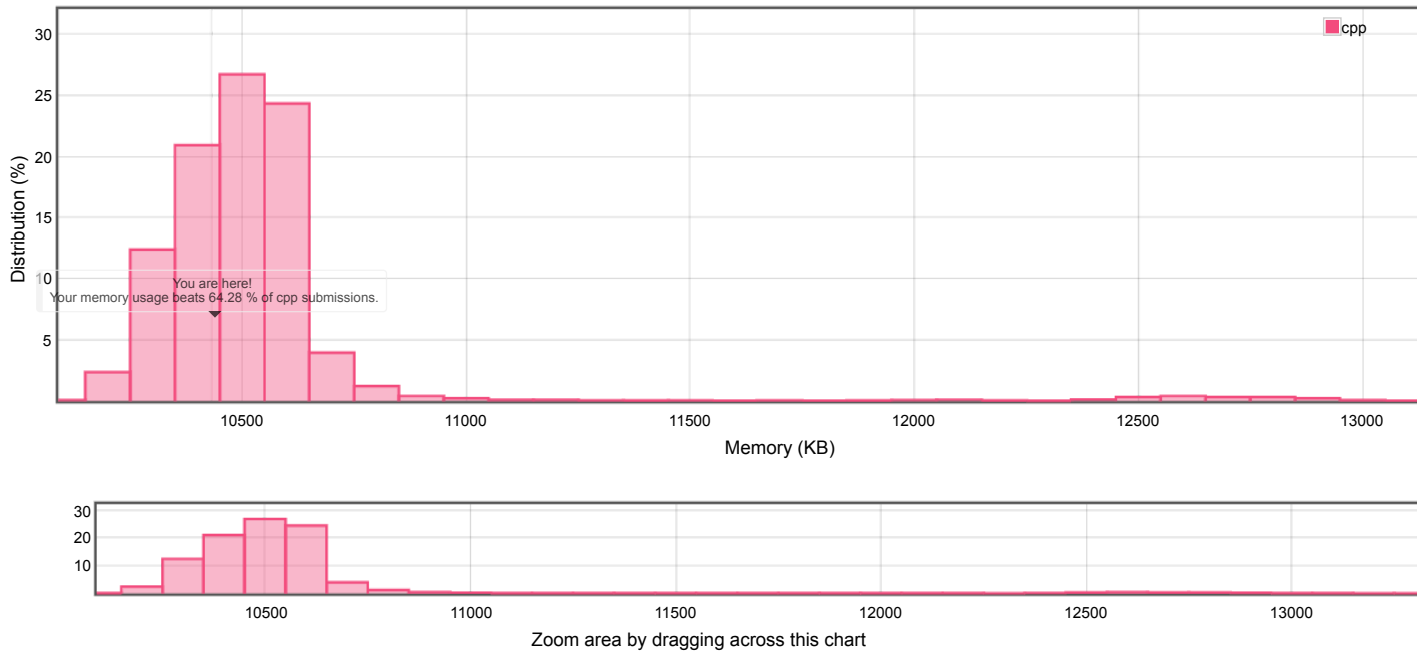
Status: Accepted

Submitted: 2 minutes ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge Longest Increasing Subsequence

20

Submitted Code: 2 minutes ago

Language: cpp

Edit Code


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

```
3     int lengthOfLIS(std::vector<int>& nums) {
4         int n = nums.size();
5         int L[n];
6         L[0] = 1;
7         for(int i=1;i<n;i++){
8             L[i] = 1;
9             for(int j=0;j<i;j++){
10                if(nums[j]<nums[i])
11                    L[i] = fmax(L[i],L[j]+1);
12            }
13        }
14
15        int maxL = L[0];
16        for(int i=1;i<n;i++)
17            maxL = fmax(L[i],maxL);
18        return maxL;
19    }
20 };
```

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