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

Submission Detail

54 / 54 test cases passed.

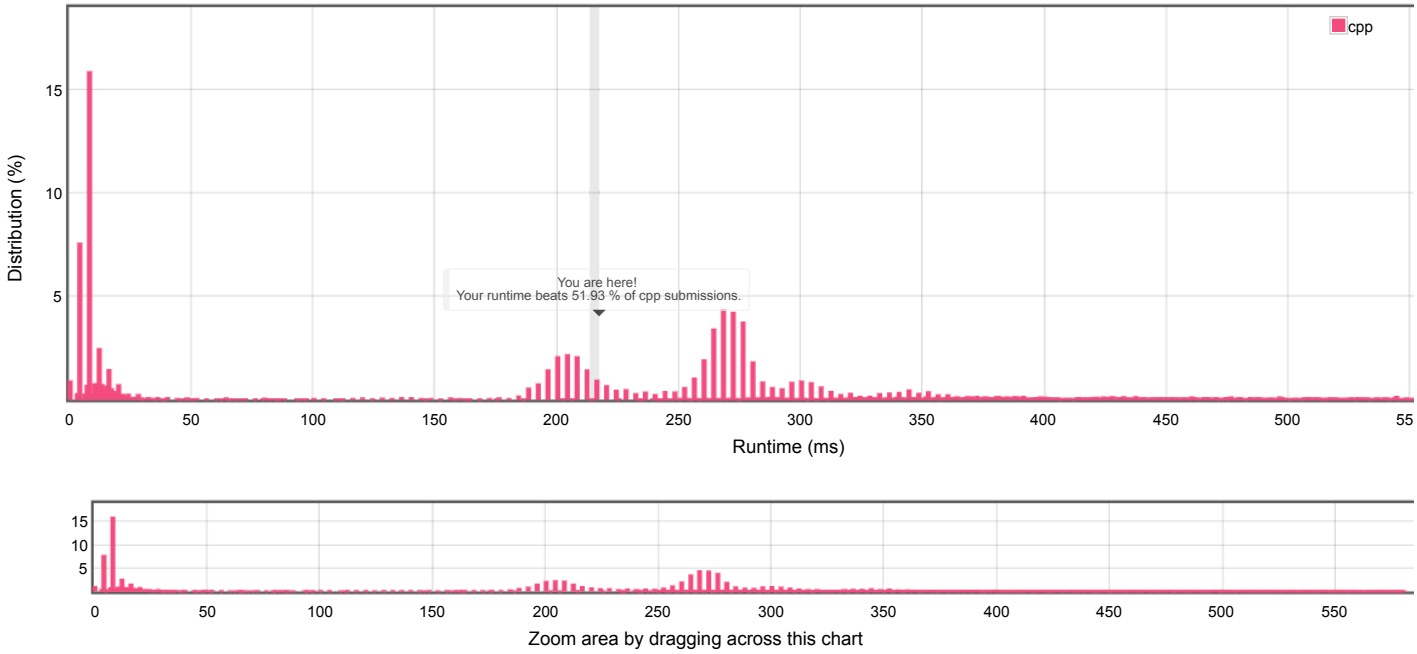
Status: Accepted

Runtime: **216 ms**

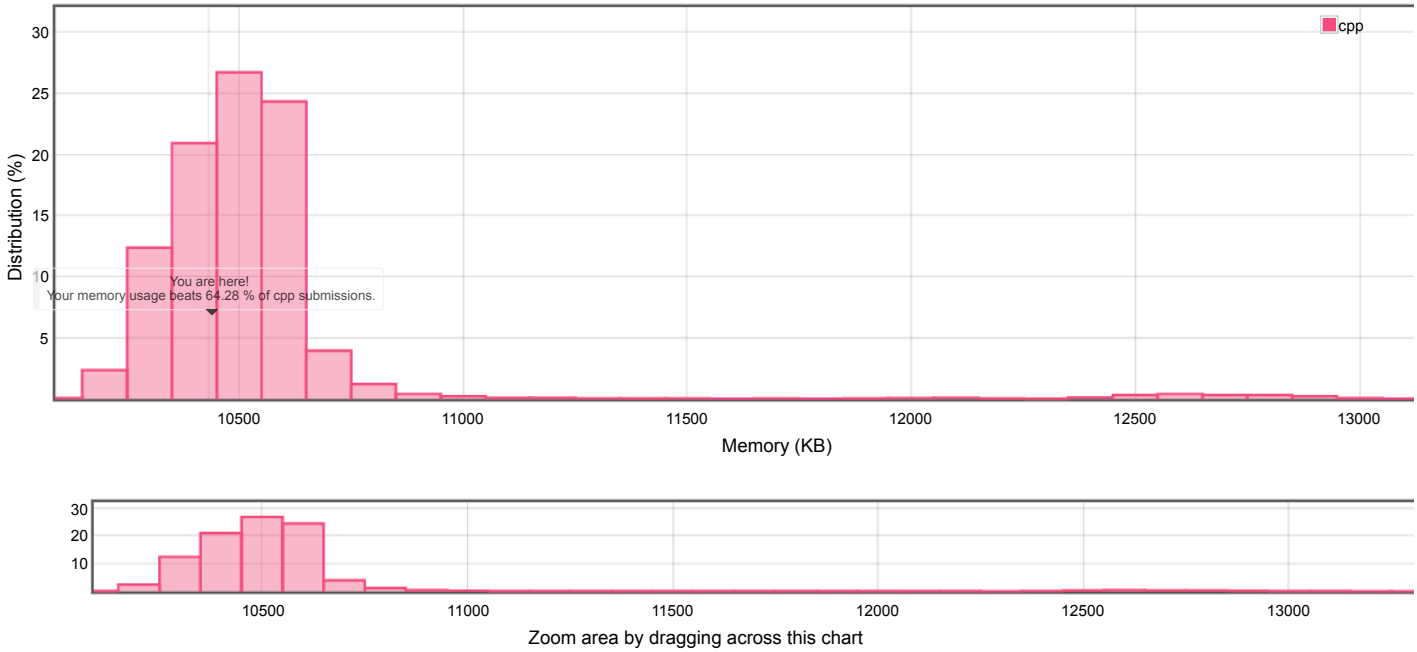
Memory Usage: **10.4 MB**

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  };
```

Back to problem (/problems/longest-increasing-subsequence/)