Success Details >

Runtime: 260 ms, faster than 46.83% of C++ online submissions for Longest Increasing Subsequence.

Memory Usage: 10.5 MB, less than 38.02% of C++ online submissions for Longest Increasing Subsequence.

Next challenges:

Increasing Triplet Subsequence
Russian Doll Envelopes
Maximum Length of Pair Chain
Number of Longest Increasing Subsequence
Minimum ASCII Delete Sum for Two Strings
Minimum Number of Removals to Make Mountain Array
Find the Longest Valid Obstacle Course at Each Position

Show off your acceptance:

Time Submitted	Status	Runtime	Memory	Language
11/29/2021 01:35	Accepted	260 ms	10.5 MB	cpp
11/17/2021 07:57	Accepted	264 ms	10.6 MB	cpp

```cpp
class Solution {
public:

int lengthOfLIS(vector<int>& nums) {
    vector <int> aux (nums.size());
    aux[0] = 1;
    for (int i=1; i<nums.size(); i++){
        aux[i] = 1;
        for(int j=0; j<i; j++){
            if(nums[i]>nums[j] &&
aux[i]<aux[j]+1){
                aux[i] = aux[j] + 1;
            }
        }
    }

    return *max_element(aux.begin(),
aux.end());

}
};
```

Your previous code was restored from your local storage. Rese