

Description

Solution

Discuss (999+)

Submissions

128. Longest Consecutive Sequence

Hard 4023 200 Add to List Share

Given an unsorted array of integers, find the length of the longest consecutive elements sequence.

Your algorithm should run in $O(n)$ complexity.

Example:

Input: [100, 4, 200, 1, 3, 2]

Output: 4

Explanation: The longest consecutive elements sequence is [1, 2, 3, 4]. Therefore its length is 4.

Accepted 334,042 | Submissions 733,041

Seen this question in a real interview before?

Yes

No

Companies

Related Topics

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Java

Autocomplete

```
7         set.add(i);
8
9         int max = 1;
10        for (int i = 0; i < nums.length; i++) {
11            if (visited.contains(nums[i]))
12                continue;
13            else {
14                int left = nums[i], right = nums[i];
15                while (set.contains(left)) {
16                    visited.add(left);
17                    left--;
18                }
19                while (set.contains(right)) {
20                    visited.add(right);
21                    right++;
22                }
23                max = Math.max(max, right - left - 1);
24            }
25        }
26
27        return max;
28    }
29 }
```

Your previous code was restored from your local storage. [Reset to default](#)

TestcaseRun Code ResultDebugger

Accepted

Runtime: 0 ms

Your input

[100,4,200,1,3,2]

Output

4

☐ Diff

Expected

4