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## 128. Longest Consecutive Sequence

Medium Topics Companies

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

You must write an algorithm that runs in O(n) time.

## Example 1:

**Input:** nums = [100,4,200,1,3,2]

Output: 4

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

## Example 2:

Input: nums = [0,3,7,2,5,8,4,6,0,1]

Output: 9

## **Constraints:**

- 0 <= nums.length <=  $10^5$
- $-10^9 \le \text{nums}[i] \le 10^9$

Seen this question in a real interview before? 1/4

Yes No

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