

5780. Remove One Element to Make the Array Strictly Increasing

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Given a **0-indexed** integer array `nums`, return `true` if it can be made **strictly increasing** after removing **exactly one** element, or `false` otherwise. If the array is already strictly increasing, return `true`.

The array `nums` is **strictly increasing** if `nums[i - 1] < nums[i]` for each index `(1 <= i < nums.length)`.

Example 1:

Input: `nums = [1,2,10,5,7]`
Output: `true`
Explanation: By removing 10 at index 2 from `nums`, it becomes `[1,2,5,7]`. `[1,2,5,7]` is strictly increasing, so return `true`.

Example 2:

Input: `nums = [2,3,1,2]`
Output: `false`
Explanation:
`[3,1,2]` is the result of removing the element at index 0.
`[2,1,2]` is the result of removing the element at index 1.
`[2,3,2]` is the result of removing the element at index 2.
`[2,3,1]` is the result of removing the element at index 3.
No resulting array is strictly increasing, so return `false`.

Example 3:

Input: `nums = [1,1,1]`
Output: `false`
Explanation: The result of removing any element is `[1,1]`. `[1,1]` is not strictly increasing, so return `false`.

Example 4:

Input: `nums = [1,2,3]`
Output: `true`
Explanation: `[1,2,3]` is already strictly increasing, so return `true`.

Constraints:

- `2 <= nums.length <= 1000`
- `1 <= nums[i] <= 1000`

JavaScript




```
1 const canBeIncreasing = (a) => {
2   if (isAscending(a)) return 1;
3   let n = a.length;
4   for (let i = 0; i < n; i++) {
```

```
5      let tmp = a.slice(0, i).concat(a.slice(i + 1));
6      // pr(tmp);
7      if (isAscending(tmp)) return 1;
8  }
9      return 0;
10 };
11
12 ▾ const isAscending = (arr) => {
13 ▾   return arr.every((x, i) => {
14     return i === 0 || x > arr[i - 1];
15   });
16 };
```

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