5493. Shortest Subarray to be Removed to Make Array Sorted

ns (/contest/biweekly-contest-34/problems/shortest-subarray-to-be-removed-to-make-array-sorted/submissions/)

st (/contest/biweekly-contest-34/)

Given an integer array `arr`, remove a subarray (can be empty) from `arr` such that the remaining elements in `arr` are **non-decreasing**.

A subarray is a contiguous subsequence of the array.

Return *the length of the shortest subarray to remove*.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

```
Input: arr = [1,2,3,10,4,2,3,5]
Output: 3
Explanation: The shortest subarray we can remove is [10,
Another correct solution is to remove the subarray [3,10
```

Example 2:

```
Input: arr = [5,4,3,2,1]
Output: 4
Explanation: Since the array is strictly decreasing, we can only keep a single element. Th
```

Example 3:

```
Input: arr = [1,2,3]
Output: 0
Explanation: The array is already non-decreasing. We do not need to remove any elements.
```
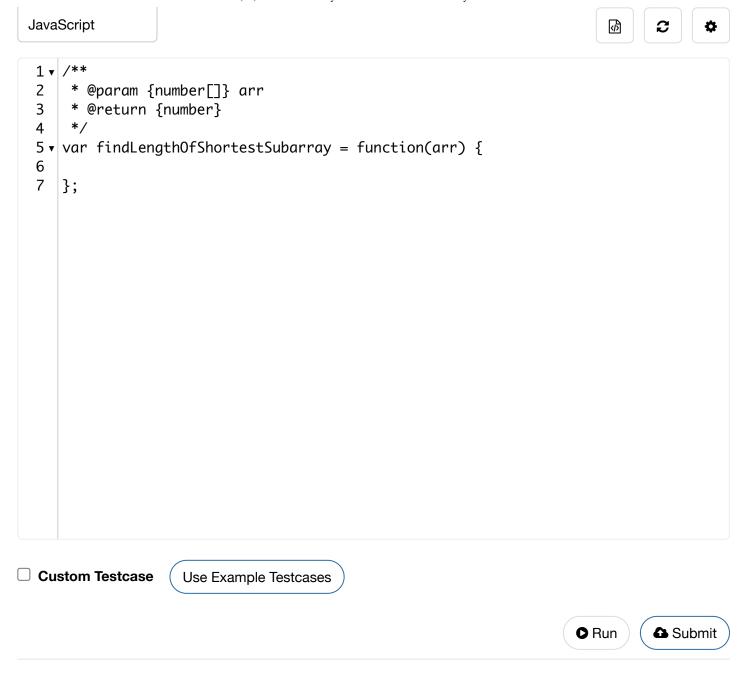
Example 4:

```
Input: arr = [1]
Output: 0
```

Constraints:

- `1 <= arr.length <= 10^5`
- `0 <= arr[i] <= 10^9`

JavaScript

```javascript
1  /**
2   * @param {number[]} arr
3   * @return {number}
4   */
5  var findLengthOfShortestSubarray = function(arr) {
6
7  };
```

☐ **Custom Testcase**   (Use Example Testcases)

▶ Run   ☁ Submit

Copyright © 2020 LeetCode

Help Center (/support/) | Terms (/terms/) | Privacy Policy (/privacy/)

🇺🇸 United States (/region/)