AlgoExpert Quad Layout JavaScript 12px Sublime Monokai 00:00:00

Prompt Scratchpad Our Solution(s) Video Explanation Run Code

Solution 1

```
1\, // Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
   // O(n) time | O(1) space
4 function subarraySort(array) {
     let minOutOfOrder = Infinity;
     let maxOutOfOrder = -Infinity;
     for (let i = 0; i < array.length; i++) {
       const num = array[i];
       if (isOutOfOrder(i, num, array)) {
10
         minOutOfOrder = Math.min(minOutOfOrder, num);
11
         maxOutOfOrder = Math.max(maxOutOfOrder, num);
12
13
     if (minOutOfOrder === Infinity) {
14
15
       return [-1, -1];
16
     let subarrayLeftIdx = 0;
17
18
     while (minOutOfOrder >= array[subarrayLeftIdx]) {
       subarrayLeftIdx++;
19
20
21
     let subarrayRightIdx = array.length - 1;
     while (maxOutOfOrder <= array[subarrayRightIdx]) {</pre>
22
23
       subarrayRightIdx--;
24
25
     return [subarrayLeftIdx, subarrayRightIdx];
26
27
    function isOutOfOrder(i, num, array) {
28
29
     if (i === 0) return num > array[i + 1];
30
     31
     return num > array[i + 1] || num < array[i - 1];</pre>
32 }
33
34 exports.subarraySort = subarraySort;
```