

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 // O(n^2) time | O(n) space - where n is the length of the input array
4 function minRewards(scores) {
5   const rewards = scores.map(_ => 1);
6   for (let i = 1; i < scores.length; i++) {
7     let j = i - 1;
8     if (scores[i] > scores[j]) {
9       rewards[i] = rewards[j] + 1;
10    } else {
11      while (j >= 0 && scores[j] > scores[j + 1]) {
12        rewards[j] = Math.max(rewards[j], rewards[j + 1] + 1);
13        j--;
14      }
15    }
16  }
17  return rewards.reduce((a, b) => a + b);
18 }
19
20 exports.minRewards = minRewards;
21
```

Solution 1Solution 2Solution 3

```
1 function minRewards(scores) {
2   // Write your code here.
3 }
4
5 // Do not edit the line below.
6 exports.minRewards = minRewards;
7
```

Our Tests

Custom Output

Submit Code

```
1 // Test Case 1: [1, 2, 3]
2 // Expected: [1, 2, 3]
3
4 // Test Case 2: [1, 2, 3, 4, 5]
5 // Expected: [1, 2, 3, 4, 5]
6
7 // Test Case 3: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
8 // Expected: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
9
10
```

```
1
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```

