

PromptScratchpadOur Solution(s)Video Explanation

Run Code

Solution 1Solution 2Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 // O(n) time | O(n) space - where in 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     if (scores[i] > scores[i - 1]) rewards[i] = rewards[i - 1] + 1;
8   }
9   for (let i = scores.length - 2; i >= 0; i--) {
10     if (scores[i] > scores[i + 1]) rewards[i] = Math.max(rewards[i], rewards[i + 1] + 1);
11   }
12   return rewards.reduce((a, b) => a + b);
13 }
14
15 exports.minRewards = minRewards;
16
```