

PromptScratchpadOur Solution(s)Video Explanation

Run Code

Solution 1Solution 2Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using System;
4 using System.Linq;
5
6 // O(n) time | O(n) space - where in is the length of the input array
7 public class Program {
8     public static int MinRewards(int[] scores) {
9         int[] rewards = new int[scores.Length];
10        Array.Fill(rewards, 1);
11        for (int i = 1; i < scores.Length; i++) {
12            if (scores[i] > scores[i - 1]) rewards[i] = rewards[i - 1] + 1;
13        }
14        for (int i = scores.Length - 2; i >= 0; i--) {
15            if (scores[i] > scores[i + 1]) {
16                rewards[i] = Math.Max(rewards[i], rewards[i + 1] + 1);
17            }
18        }
19        return rewards.Sum();
20    }
21 }
22
```