

PromptScratchpadOur Solution(s)Video Explanation

Run Code

Solution 1Solution 2Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(n) time | O(n) space
5     func minRewards(_ scores: [Int]) -> Int {
6         var rewards = Array(repeating: 1, count: scores.count)
7
8         for i in stride(from: 1, to: scores.count, by: 1) {
9             if scores[i] > scores[i - 1] {
10                 rewards[i] = rewards[i - 1] + 1
11             }
12         }
13
14         for i in stride(from: scores.count - 2, through: 0, by: -1) {
15             if scores[i] > scores[i + 1] {
16                 rewards[i] = max(rewards[i], rewards[i + 1] + 1)
17             }
18         }
19
20         return rewards.reduce(0) { $0 + $1 }
21     }
22 }
23
```