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

Prompt Scratchpad Our Solution(s) Video Explanation Run Code

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Solution 1 Solution 2 Solution 3
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1\, // Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
 3 package main
5 // O(n) time | O(n) space - where in is the length of the input array
6 func MinRewards(scores []int) int {
 7 rewards := make([]int, len(scores))
     fill(rewards, 1)
     for i := 1; i < len(scores); i++ \{
10
      if scores[i] > scores[i-1] {
11
        rewards[i] = rewards[i-1] + 1
12
13
     for i := len(scores) - 2; i >= 0; i-- {
14
15
      if scores[i] > scores[i+1] {
16
        rewards[i] = max(rewards[i], rewards[i+1]+1)
17
18
19
     return sum(rewards)
20 }
21
22 func fill(arr []int, val int) {
for i := range arr {
24
      arr[i] = val
25
26 }
27
28 func sum(arr []int) int {
29
   sum := 0
    for i := range arr {
30
31
      sum += arr[i]
32
33
    return sum
34 }
35
36 func max(i, j int) int {
37
    if i > j {
38
     return i
   }
return j
39
40
41 }
```