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

 Prompt
 Scratchpad
 Our Solution(s)
 Video Explanation

Run Code

Solution 1 Solution 2 Solution 3

```
1\, // Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
 3 import java.util.*;
 4 import java.util.stream.*;
 ^{6}\, // O(n^{2}) time | O(n) space - where in is the length of the input array
 7 class Program {
     public static int minRewards(int[] scores) {
 8
9
        int[] rewards = new int[scores.length];
10
        Arrays.fill(rewards, 1);
11
        for (int i = 1; i < scores.length; i++) {</pre>
          int j = i - 1;
12
13
          if (scores[i] > scores[j]) {
            rewards[i] = rewards[j] + 1;
14
15
            while (j >= 0 && scores[j] > scores[j + 1]) {
  rewards[j] = Math.max(rewards[j], rewards[j + 1] + 1);
16
17
18
               j--;
19
20
21
22
        return IntStream.of(rewards).sum();
23
24 }
25
```