Prompt   Scratchpad   Our Solution(s)   Video Explanation   Run Code

Solution 1   Solution 2   Solution 3

```javascript
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// O(n^2) time | O(n) space - where in is the length of the input array
function minRewards(scores) {
  const rewards = scores.map(_ => 1);
  for (let i = 1; i < scores.length; i++) {
    let j = i - 1;
    if (scores[i] > scores[j]) {
      rewards[i] = rewards[j] + 1;
    } else {
      while (j >= 0 && scores[j] > scores[j + 1]) {
        rewards[j] = Math.max(rewards[j], rewards[j + 1] + 1);
        j--;
      }
    }
  }
  return rewards.reduce((a, b) => a + b);
}

exports.minRewards = minRewards;
```