Prompt   Scratchpad   Our Solution(s)   Video Explanation   Run Code

Solution 1   Solution 2   Solution 3

```cpp
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#include <algorithm>
#include <vector>
#include <numeric>
using namespace std;

// O(n) time | O(n) space - where in is the length of the input array
int minRewards(vector<int> scores) {
  vector<int> rewards = vector<int>(scores.size(), 1);
  for (int i = 1; i < scores.size(); i++) {
    if (scores[i] > scores[i - 1])
      rewards[i] = rewards[i - 1] + 1;
  }
  for (int i = scores.size() - 2; i >= 0; i--) {
    if (scores[i] > scores[i + 1]) {
      rewards[i] = max(rewards[i], rewards[i + 1] + 1);
    }
  }
  return accumulate(rewards.begin(), rewards.end(), 0);
}
```