

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(n^2) time | O(n) space
5     func minRewards(_ scores: [Int]) -> Int {
6         var rewards = Array(repeating: 1, count: scores.count)
7
8         for i in 1 ..< scores.count {
9             var j = i - 1
10
11             if scores[i] > scores[j] {
12                 rewards[i] = rewards[j] + 1
13             } else {
14                 while j >= 0, scores[j] > scores[j + 1] {
15                     rewards[j] = max(rewards[j], rewards[j + 1] + 1)
16                     j -= 1
17                 }
18             }
19         }
20
21         return rewards.reduce(0) { $0 + $1 }
22     }
23 }
24
```

Solution 1Solution 2Solution 3

```
1 class Program {
2     func minRewards(_ scores: [Int]) -> Int {
3         // Write your code here.
4         return -1
5     }
6 }
7
```

Our Tests

Custom Output

Submit Code

```
1 class ProgramTests {
2     func test() {
3         let program = Program()
4         let result = program.minRewards([1, 2, 3])
5         XCTAssertEqual(result, 6)
6     }
7 }
```

```
1 // Custom Output
2
3
```

```

18         self.assertAlmostEqual(2, len(program.getRegisters(25, 100)))
19     }
20     def test_case_47(): if 0: skip if test is
21         self.assertAlmostEqual(2, len(program.getRegisters(25, 100)))
22     }
23     def test_case_48(): if 0: skip if test is
24         self.assertAlmostEqual(2, len(program.getRegisters(25, 5, 5, 100)))
25     }
26     def test_case_49(): if 0: skip if test is
27         self.assertAlmostEqual(2, len(program.getRegisters(25, 5, 5, 5, 100)))
28     }
29     def test_case_50(): if 0: skip if test is
30         self.assertAlmostEqual(25, len(program.getRegisters(25, 5, 5, 5, 5, 5)))
31     }
32     def test_case_51(): if 0: skip if test is

```

Run or submit code when you're ready.