

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(n) time | O(n) space
5     func largestRange(array: [Int]) -> [Int] {
6         var longestLength = 0
7         var bestRange = [Int]()
8         var hash = [Int: Bool]()
9
10        for number in array {
11            hash[number] = true
12        }
13
14        for number in array {
15            if let hashAtNumber = hash[number], !hashAtNumber {
16                continue
17            }
18
19            var currentLength = 1
20            var left = number - 1
21            var right = number + 1
22
23            while hash.keys.contains(left) {
24                hash[left] = false
25                currentLength += 1
26                left -= 1
27            }
28
29            while hash.keys.contains(right) {
30                hash[right] = false
31                currentLength += 1
32                right += 1
33            }
```

Our Tests

```
1 class ProgramTests {
2     func test() {
3         let program = Program()
4         let result = program.largestRange([1, 2, 3, 4, 5, 6, 7, 8, 9, 10])
5         XCTAssertEqual(result, [1, 2, 3, 4, 5, 6, 7, 8, 9, 10])
6     }
7 }
```

Solution 1 Solution 2 Solution 3

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

Custom Output

Submit Code

