

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(n) time | O(n) space
4 def largestRange(array):
5     bestRange = []
6     longestLength = 0
7     nums = {}
8     for num in array:
9         nums[num] = True
10    for num in array:
11        if not nums[num]:
12            continue
13        nums[num] = False
14        currentLength = 1
15        left = num - 1
16        right = num + 1
17        while left in nums:
18            nums[left] = False
19            currentLength += 1
20            left -= 1
21        while right in nums:
22            nums[right] = False
23            currentLength += 1
24            right += 1
25        if currentLength > longestLength:
26            longestLength = currentLength
27            bestRange = [left + 1, right - 1]
28    return bestRange
29
```

Solution 1

Solution 2

Solution 3

```
1 def largestRange(array):
2     # Write your code here.
3     pass
4
```

Our Tests

Custom Output

Submit Code

```
1 def largestRange(array):
2     # Write your code here.
3     pass
4
```

```
1 def largestRange(array):
2     # Write your code here.
3     pass
4
```

```
10 # Test case 2 (with)
11 test_assert_equal_lengths(20, 40, 20, 40)
12
13 # Test case 3 (with)
14 test_assert_equal_lengths(20, 4, 4, 40, 20, 40)
15
16 # Test case 4 (with)
17 test_assert_equal_lengths(20, 4, 4, 4, 40, 20, 4)
18
19 # Test case 5 (with)
20 test_assert_equal_lengths(20, 4, 4, 40, 4, 4, 4)
21
22 # Test case 6 (with)
23 test_assert_equal_lengths(20, 40, 4, 40, 4, 4)
```

Run or submit code when you're ready.