

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using System.Collections.Generic;
4
5 public class Program {
6     // O(n) time | O(n) space
7     public static int[] LargestRange(int[] array) {
8         int[] bestRange = new int[2];
9         int longestLength = 0;
10        HashSet<int> nums = new HashSet<int>();
11        foreach (int num in array) {
12            nums.Add(num);
13        }
14        foreach (int num in array) {
15            if (!nums.Contains(num)) {
16                continue;
17            }
18            nums.Remove(num);
19            int currentLength = 1;
20            int left = num - 1;
21            int right = num + 1;
22            while (nums.Contains(left)) {
23                nums.Remove(left);
24                currentLength++;
25                left--;
26            }
27            while (nums.Contains(right)) {
28                nums.Remove(right);
29                currentLength++;
30                right++;
31            }
32            if (currentLength > longestLength) {
33                longestLength = currentLength;
```

Solution 1 Solution 2 Solution 3

```
1 public class Program {
2     public static int[] LargestRange(int[] array) {
3         // Write your code here.
4         return null;
5     }
6 }
7
```

Our Tests

Custom Output

Submit Code

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```
10 # Write down the number of iterations in the program
11 iterations = 0
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13 # Loop
14 while True:
15     # Write down the number of iterations in the program
16     iterations = iterations + 1
17     # Write down the number of iterations in the program
18     iterations = iterations + 1
19
20 # Loop
21 while True:
22     # Write down the number of iterations in the program
23     iterations = iterations + 1
24     # Write down the number of iterations in the program
25     iterations = iterations + 1
```

Run or submit code when you're ready.