

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(log(n)) time | O(log(n)) space
5     public static int[] searchForRange(int[] array, int target) {
6         int[] finalRange = {-1, -1};
7         alteredBinarySearch(array, target, 0, array.length - 1, finalRange);
8         alteredBinarySearch(array, target, 0, array.length - 1, finalRange);
9         return finalRange;
10    }
11
12    public static void alteredBinarySearch(
13        int[] array, int target, int left, int right, int[] finalRange,
14        if (left > right) {
15            return;
16        }
17        int mid = (left + right) / 2;
18        if (array[mid] < target) {
19            alteredBinarySearch(array, target, mid + 1, right, finalRange, go
20        } else if (array[mid] > target) {
21            alteredBinarySearch(array, target, left, mid - 1, finalRange, go
22        } else {
23            if (goLeft) {
24                if (mid == 0 || array[mid - 1] != target) {
25                    finalRange[0] = mid;
26                } else {
27                    alteredBinarySearch(array, target, left, mid - 1, finalRange
28                }
29            } else {
30                if (mid == array.length - 1 || array[mid + 1] != target) {
31                    finalRange[1] = mid;
32                } else {
33                    alteredBinarySearch(array, target, mid + 1, right, finalRange
```

Solution 1

Solution 2

Solution 3

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

Our Tests

Custom Output

Submit Code

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

```
10 #Show
11 #assert testcases()
12 expected = [0, 0]
13 output = Program.runWithInputs([0, 0], [0, 0], [0, 0], [0, 0])
14 #Show.assertAlmostEqual(expected, output)
15 }
16
17 #Show
18 #assert testcases()
19 expected = [0, 0]
20 output = Program.runWithInputs([0, 0], [0, 0], [0, 0], [0, 0])
21 #Show.assertAlmostEqual(expected, output)
22 }
```

Run or submit code when you're ready.