

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(1) 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        while (left <= right) {
15            int mid = (left + right) / 2;
16            if (array[mid] < target) {
17                left = mid + 1;
18            } else if (array[mid] > target) {
19                right = mid - 1;
20            } else {
21                if (goLeft) {
22                    if (mid == 0 || array[mid - 1] != target) {
23                        finalRange[0] = mid;
24                        return;
25                    } else {
26                        right = mid - 1;
27                    }
28                } else {
29                    if (mid == array.length - 1 || array[mid + 1] != target) {
30                        finalRange[1] = mid;
31                        return;
32                    } else {
33                        left = mid + 1;

```

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

Run or submit code when you're ready.