Our Solution(s) Run Code

Solution 1 Solution 2

```
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public class Program {
  // O(log(n)) time | O(log(n)) space
  public static int[] SearchForRange(int[] array, int target) {
    int[] finalRange = {-1, -1};
    alteredBinarySearch(array, target, 0, array.Length - 1, finalRang
    alteredBinarySearch(array, target, 0, array.Length - 1, finalRang
    return finalRange;
  }

  public static void alteredBinarySearch(int[] array, int target, int
    int[] finalRange, bool goLeft) {
    if (left > right) {
      return;
    }
    int mid = (left + right) / 2;
    if (array[mid] < target) {
      alteredBinarySearch(array, target, mid + 1, right, finalRange, g
    } else if (array[mid] > target) {
      alteredBinarySearch(array, target, left, mid - 1, finalRange, go
    } else {
      if (goLeft) {
        if (mid == 0 || array[mid - 1] != target) {
          finalRange[0] = mid;
        } else {
          alteredBinarySearch(array, target, left, mid - 1,
            finalRange, goLeft);
        }
      } else {
        if (mid == array.Length - 1 || array[mid + 1] != target) {
          finalRange[1] = mid;
        } else {
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```
public class Program {
  public static int[] SearchForRange(int[] array, int target) {
    // Write your code here.
    return null;
  }
}

```

Our Tests

Custom Output Submit Code

```
}

[Test]
public void TestCase2() {
    int[] expected = {5, 6};
    int[] output = Program.SearchForRange(new int[] {5, 7, 7, 8, 8, 10
    Utils.AssertTrue(isEqual(output, expected));
}

[Test]
public void TestCase3() {
    int[] expected = {3, 4};
    int[] output = Program.SearchForRange(new int[] {5, 7, 7, 8, 8, 10
    Utils.AssertTrue(isEqual(output, expected));
}
```

Run or submit code when you're ready.