

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

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

Solution 1

Solution 2

Solution 3

```
1 #include <vector>
2 using namespace std;
3
4 vector<int> searchForRange(vector<int> array, int target) {
5     // Write your code here.
6     return {};
7 }
8
```

Our Tests

Custom Output

Submit Code

```
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```
1 #include <vector>
2 using namespace std;
3
4 vector<int> searchForRange(vector<int> array, int target) {
5     // Write your code here.
6     return {};
7 }
8
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