

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 // O(log(n)) time | O(log(n)) space
6 func BinarySearch(array []int, target int) int {
7     return helper(array, target, 0, len(array)-1)
8 }
9
10 func helper(array []int, target, left, right int) int {
11     if left > right {
12         return -1
13     }
14     middle := (left + right) / 2
15     potentialMatch := array[middle]
16     if target == potentialMatch {
17         return middle
18     } else if target < potentialMatch {
19         return helper(array, target, left, middle-1)
20     }
21     return helper(array, target, middle+1, right)
22 }
23
```

Solution 1

Solution 2

Solution 3

```
1 package main
2
3 func BinarySearch(array []int, target int) int {
4     // Write your code here.
5     return -1
6 }
7
```

Our Tests

Custom Output

Submit Code

