

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 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 ShiftedBinarySearch(array []int, target int) int {
7     return helper(array, target, 0, len(array)-1)
8 }
9
10 func helper(array []int, target int, left int, right int) int {
11     if left > right {
12         return -1
13     }
14     middle := (left + right) / 2
15     potentialMatch := array[middle]
16     leftNum, rightNum := array[left], array[right]
17     newleft, newright := middle+1, right
18     if target == potentialMatch {
19         return middle
20     } else if leftNum <= potentialMatch {
21         if target < potentialMatch && target >= leftNum {
22             newleft, newright = left, middle-1
23         }
24     } else {
25         if !(target > potentialMatch && target <= rightNum) {
26             newleft, newright = left, middle-1
27         }
28     }
29     return helper(array, target, newleft, newright)
30 }
31
```

Solution 1Solution 2Solution 3

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

Our Tests

Custom Output

Submit Code

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```
1 # Run in Jupyter Notebook Notebook 1
2 import os
3 import sys
4 import sys
5 import sys
6
7
8 # Run in Jupyter Notebook Notebook 1
9 import os
10 import sys
11 import sys
12 import sys
13
14
15 # Run in Jupyter Notebook Notebook 1
16 import os
17 import sys
18 import sys
19 import sys
```

Run or submit code when you're ready.