

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(log(n)) time | O(log(n)) space
4 def shiftedBinarySearch(array, target):
5     return shiftedBinarySearchHelper(array, target, 0, len(array) - 1)
6
7
8 def shiftedBinarySearchHelper(array, target, left, right):
9     if left > right:
10         return -1
11     middle = (left + right) // 2
12     potentialMatch = array[middle]
13     leftNum = array[left]
14     rightNum = array[right]
15     if target == potentialMatch:
16         return middle
17     elif leftNum <= potentialMatch:
18         if target < potentialMatch and target >= leftNum:
19             return shiftedBinarySearchHelper(array, target, left, middle)
20         else:
21             return shiftedBinarySearchHelper(array, target, middle + 1, right)
22     else:
23         if target > potentialMatch and target <= rightNum:
24             return shiftedBinarySearchHelper(array, target, middle + 1, right)
25         else:
26             return shiftedBinarySearchHelper(array, target, left, middle)
27
```

Solution 1

Solution 2

Solution 3

```
1 def shiftedBinarySearch(array, target):
2     # Write your code here.
3     pass
4
```

Our Tests

Custom Output

Submit Code

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Run or submit code when you're ready.