Our Solution(s) Run Code

Solution 1 Solution 2

```go
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package main

// O(log(n)) time | O(log(n)) space
func ShiftedBinarySearch(array []int, target int) int {
  return helper(array, target, 0, len(array)-1)
}

func helper(array []int, target int, left int, right int) int {
  if left > right {
    return -1
  }
  middle := (left + right) / 2
  potentialMatch := array[middle]
  leftNum, rightNum := array[left], array[right]
  newleft, newright := middle+1, right
  if target == potentialMatch {
    return middle
  } else if leftNum <= potentialMatch {
    if target < potentialMatch && target >= leftNum {
      newleft, newright = left, middle-1
    }
  } else {
    if !(target > potentialMatch && target <= rightNum) {
      newleft, newright = left, middle-1
    }
  }
  return helper(array, target, newleft, newright)
}
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```go
package main

func ShiftedBinarySearch(array []int, target int) int {
  // Write your code here.
  return -1
}
```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.