Our Solution(s) Run Code

Solution 1 Solution 2

```swift
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class Program {
    // O(log(n)) time | O(1) space
    func shiftedBinarySearch(_ array: [Int], _ target: Int) -> Int {
        var leftPointer = 0
        var rightPointer = array.count - 1

        return shiftedBinarySearchHelper(array, target, &leftPointer,
    }

    func shiftedBinarySearchHelper(_ array: [Int], _ target: Int, _ l
        while leftPointer <= rightPointer {
            let middle = (leftPointer + rightPointer) / 2
            let potentialMatch = array[middle]
            let leftNumber = array[leftPointer]
            let rightNumber = array[rightPointer]

            if target == potentialMatch {
                return middle
            } else if leftNumber < potentialMatch {
                if target < potentialMatch, target >= leftNumber {
                    rightPointer = middle - 1
                } else {
                    leftPointer = middle + 1
                }
            } else {
                if target <= rightNumber, target > potentialMatch {
                    leftPointer = middle + 1
                } else {
                    rightPointer = middle - 1
                }
            }
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```swift
class Program {
    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.