167. Two Sum II - Input Array Is Sorted

Input: Sorted non decreasing array: List[int]

target number: int

Find 2 numbers that add up to target number such that

- $1 <= a < b <= len(nums)$

- $nums[a] + nums[b] = target$

- Exactly one solution

[2, 7, 11, 15]   target
 l   r   17
 l   r   13
 l r   9

$nums[l] + nums[r] = sum$

sum == target   ->

target > s   ->   r -= 1

target < s   ->   l += 1