

<https://leetcode.com/problems/search-in-rotated-sorted-array/>

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🔧 Problem List < > ⚙️

Description | Accepted × | Editorial | Solutions | Submissions

← All Submissions

Accepted

psharmapaul submitted at Jul 27, 2024 17:22

Editorial Solution

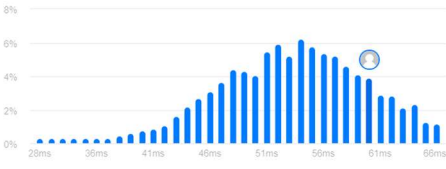
Runtime

60 ms | Beats 21.65%

Analyze Complexity

Memory

48.97 MB | Beats 54.64%



```
6 var search = function(nums, target) {
7   let left = 0, right = nums.length - 1;
8
9   while (left <= right) {
10    let mid = Math.floor((left + right) / 2);
11
12    if (nums[mid] === target) return mid;
13
14    if (nums[left] <= nums[mid]) {
15      if (nums[left] <= target && target < nums[mid]) {
16        right = mid - 1;
17      } else {
18        left = mid + 1;
19      }
20    } else {
21      if (nums[mid] < target && target <= nums[right]) {
22        left = mid + 1;
23      } else {
24        right = mid - 1;
25      }
26    }
27  }
28 }
29
```

Saved Ln 23, Col 10

Testcase Test Result

<https://leetcode.com/problems/container-with-most-water>

← → ↺ 🌐 leetcode.com/problems/container-with-most-water/submissions/1335050960/ 🔍 ☆ 📄 👤 ⚙️

🔧 Problem List < > ⚙️

Description | Accepted × | Editorial | Solutions | Submissions

← All Submissions

Accepted

psharmapaul submitted at Jul 27, 2024 17:25

Editorial Solution


Runtime

74 ms | Beats 27.91%

Analyze Complexity

Memory

57.60 MB | Beats 20.00%



```
1 /**
2  * @param {number[]} height
3  * @return {number}
4  */
5 var maxArea = function(height) {
6
7   let left = 0;
8   let right = height.length - 1;
9   let maxArea = 0;
10
11   while (left < right) {
12     const width = right - left;
13     const area = Math.min(height[left], height[right]) * width;
14     maxArea = Math.max(maxArea, area);
15
16     if (height[left] < height[right]) {
17       left++;
18     } else {
19       right--;
20     }
21   }
22
23   return maxArea;
24 };
```

Saved Ln 23, Col 20

Testcase Test Result

<https://leetcode.com/problems/gas-station>P

leetcode.com/problems/gas-station/submissions/1335052555/

Problem List < > < > Run Submit

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted

psharmapaul submitted at Jul 27, 2024 17:27

Editorial Solution


Runtime

76 ms Beats 61.21%

Analyze Complexity

Memory

61.18 MB Beats 50.43%



```
1 /**
2  * @param {number[]} gas
3  * @param {number[]} cost
4  * @return {number}
5  */
6 var canCompleteCircuit = function(gas, cost) {
7     let totalGas = 0;
8     let totalCost = 0;
9     let start = 0;
10    let tank = 0;
11
12    for (let i = 0; i < gas.length; i++) {
13        totalGas += gas[i];
14        totalCost += cost[i];
15        tank += gas[i] - cost[i];
16
17        if (tank < 0) {
18            start = i + 1;
19            tank = 0;
20        }
21    }
22
23    return totalGas >= totalCost ? start : -1;
24}
```

Saved Ln 23, Col 47

Testcase Test Result