

LEETCODE BOOTCAMP

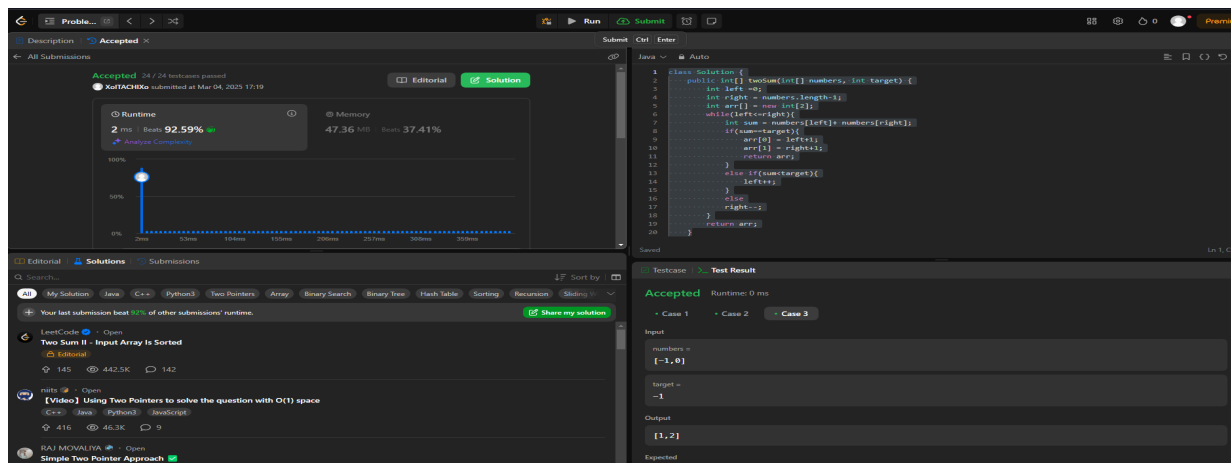
SECTION - A

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Question 1:

```
class Solution {
    public int[] twoSum(int[] numbers, int target) {
        int left = 0;
        int right = numbers.length-1;
        int arr[] = new int[2];
        while(left<=right){
            int sum = numbers[left]+ numbers[right];
            if(sum==target){
                arr[0] = left+1;
                arr[1] = right+1;
                return arr;
            }
            else if(sum<target){
                left++;
            }
            else
                right--;
        }
        return arr;
    }
}
```



Question 2

```
class Solution {
    public int[] productExceptSelf(int[] nums) {
        int n = nums.length;
        int result[] = new int[n];
        result[0] = 1;
        for(int i=1;i<n;i++){
            result[i] = result[i-1]*nums[i-1];
        }
        int suffix = 1;
        for(int i=n-1 ; i>=0;i-- ){
            result[i] *= suffix;
            suffix *= nums[i];
        }

        return result;
    }
}
```

The screenshot displays the LeetCode submission interface for the problem "Product of Array Except Self". The submission is marked as "Accepted" with 24/24 testcases passed, submitted on Mar 04, 2025 at 18:03. The performance metrics show a runtime of 2 ms (beats 87.89%) and memory usage of 55.50 MB (beats 62.27%). A bar chart illustrates the runtime distribution across different time intervals. The code editor shows the Java solution, and the test result panel displays the input [1, 2, 3, 4], the output [24, 12, 8, 6], and the expected output [24, 12, 8, 6].

Accepted 24 / 24 testcases passed
kotachiko submitted at Mar 04, 2025 18:03

Runtime 2 ms Beats 87.89%
Memory 55.50 MB Beats 62.27%

Code

```
1 class Solution {
2     public int[] productExceptSelf(int[] nums) {
3         int n = nums.length;
4         int result[] = new int[n];
5         result[0] = 1;
6         for(int i=1;i<n;i++){
7             result[i] = result[i-1]*nums[i-1];
8         }
9         int suffix = 1;
10        for(int i=n-1 ; i>=0;i-- ){
11            result[i] *= suffix;
12            suffix *= nums[i];
13        }
14        return result;
15    }
16 }
17
```

Testcase **Test Result**

Accepted Runtime: 0 ms

Case 1 **Case 2**

Input

nums =
[1,2,3,4]

Output

[24,12,8,6]

Expected

[24,12,8,6]

Contribute a testcase

Question3:

```
class Solution {
    void swap(int [] arr , int a , int b){
        int temp = arr[a];
        arr[a] = arr[b];
        arr[b] = temp;
    }
    public void sortColors(int[] nums) {
        int low =0 , mid =0;
        int high = nums.length-1;
        while(mid<=high){
            if(nums[mid]==0){
                swap(nums,low,mid);
                mid++;
                low++;
            }
            else if (nums[mid] == 1){
                mid++;
            }
            else{
                swap(nums,mid,high);
                high--;
            }
        }
    }
}
```

Problem List<>✕

RunSubmit🔖📄

Premium

DescriptionAccepted<

All Submissions

Accepted 89 / 89 testcases passed
XerTAC8x submitted at Mar 04, 2025 17:30

EditorialSolution

Runtime

0 msBeats 100.00%

Memory

42.03 MBBeats 45.13%

Analyze Complexity

100%

50%

0%

1ms2ms3ms4ms

Code

JavaAuto

```
1 class Solution {
2     void swap(int[] arr, int a, int b) {
3         int temp = arr[a];
4         arr[a] = arr[b];
5         arr[b] = temp;
6     }
7     public void sortColors(int[] nums) {
8         int low = 0, mid = 0;
9         int high = nums.length - 1;
10        while (mid <= high) {
11            if (nums[mid] == 0) {
12                swap(nums, low, mid);
13                low++;
14                mid++;
15            }
16            else if (nums[mid] == 1) {
17                mid++;
18            }
19            else {
20                swap(nums, mid, high);
21            }
22        }
23    }
24 }
```

SavedLn 1, Col 1

EditorialSolutionsSubmissions

Q Search...

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LeetCode · Open

Sort Colors

Editorial

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TestcaseTest Result

Case 1Case 2

nums =

[2,0,2,1,1,0]

Source