

Description

Solution

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1480. Running Sum of 1d Array

Easy

466

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Given an array `nums`. We define a running sum of an array as `runningSum[i] = sum(nums[0]...nums[i])`.

Return the running sum of `nums`.

Example 1:

Input: `nums = [1,2,3,4]`

Output: `[1,3,6,10]`

Explanation: Running sum is obtained as follows: `[1, 1+2, 1+2+3, 1+2+3+4]`.

Example 2:

Input: `nums = [1,1,1,1,1]`

Output: `[1,2,3,4,5]`

Explanation: Running sum is obtained as follows: `[1, 1+1, 1+1+1, 1+1+1+1, 1+1+1+1+1]`.

Example 3:

Input: `nums = [3,1,2,10,1]`

Output: `[3,4,6,16,17]`

Constraints:

- `1 <= nums.length <= 1000`
- `-10^6 <= nums[i] <= 10^6`

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Seen this question in a real interview before?

Yes

No

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```
1 class Solution {
2 public:
3     vector<int> runningSum(vector<int>& nums) {
4     }
5 }
6 ;;
```