/\*

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

\*/

//let nums = [1, 2, 3, 4]

//let nums = [1, 1, 1, 1]

**let** nums = [3,1,2,10,1]

**var** resultArray = [Int]()

**func** runningSum(**\_** nums: [Int]) -> [Int] {

**var** tempsum = 0

**for** i **in** 0..<nums.count {

resultArray.append((tempsum + nums[i]))

tempsum += nums[i]

}

print("resultArray : \(resultArray)")

**return** resultArray

}