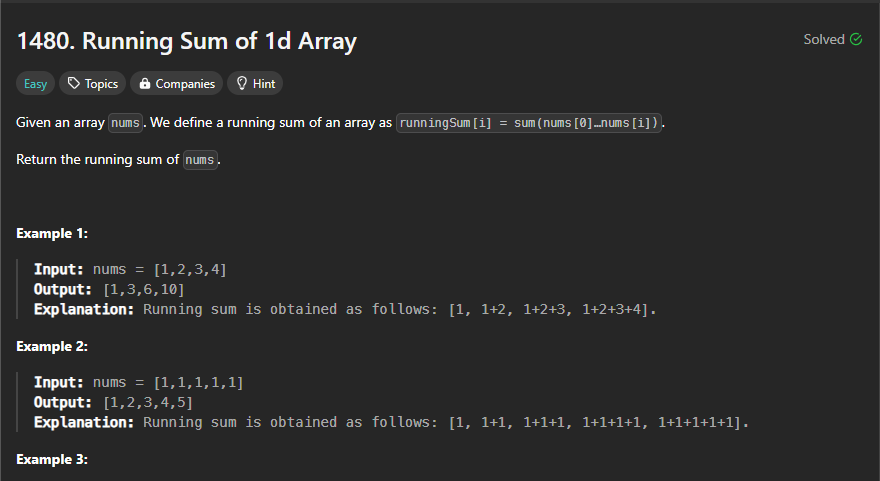
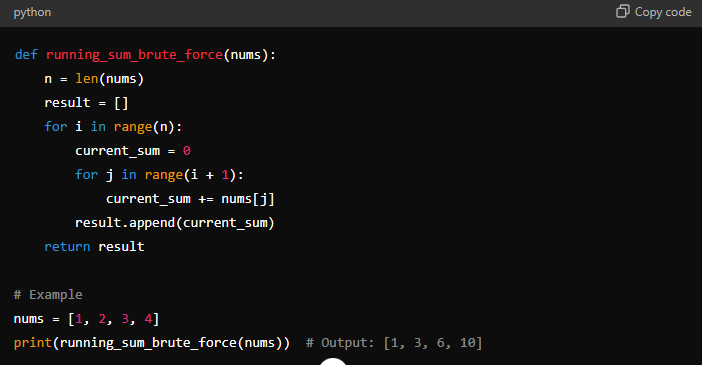
## Problem Statement: <https://leetcode.com/problems/running-sum-of-1d-array/>



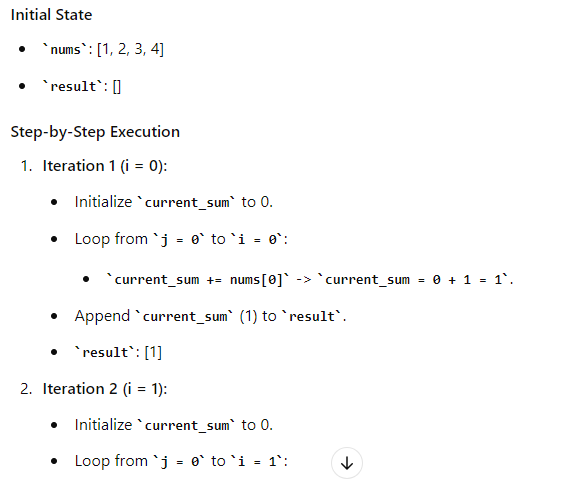
**Sol 1: Brute force method:**

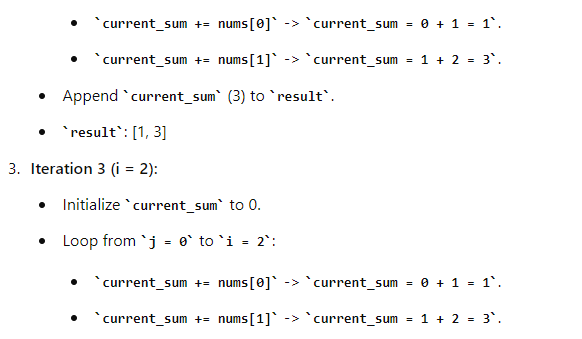


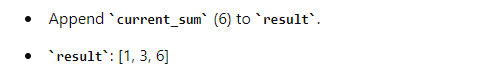
**Time Complexity:** O(n^2)

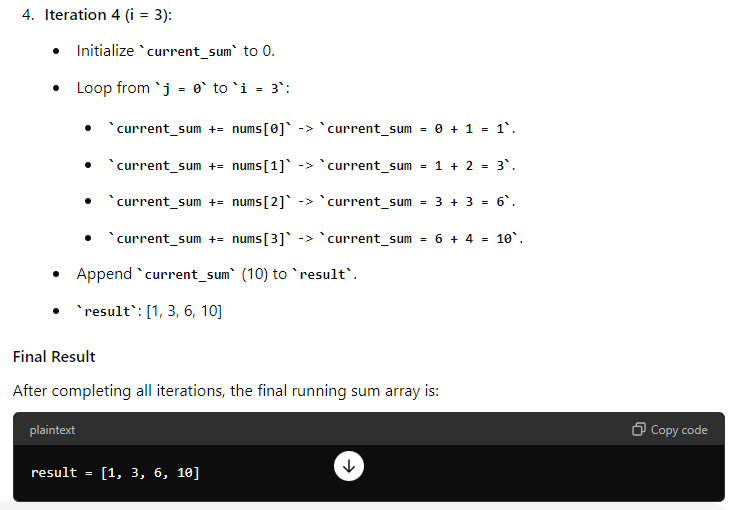
**Space Complexity**: O(n) for storing an araay.

**Dry Run:**

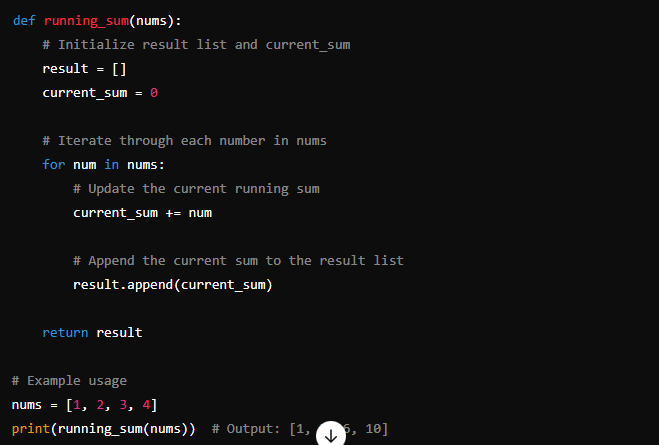




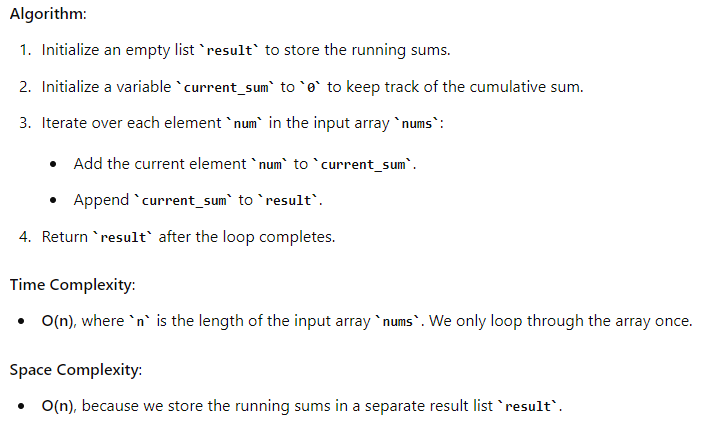




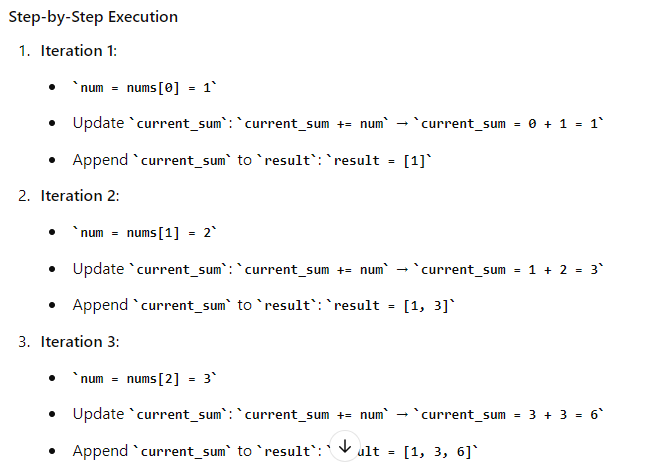
**Prefix Sum Approach:**

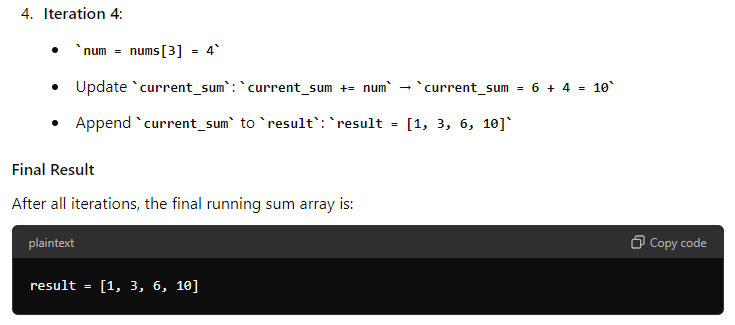


**Algorithm:**

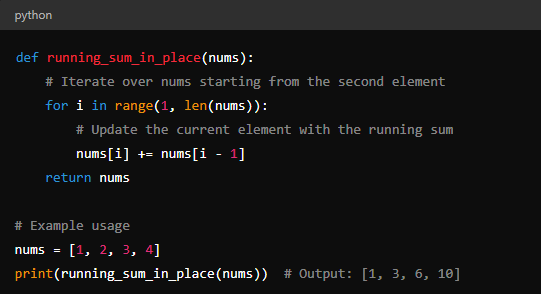


**Dry Run:**





**In-place modification approach:**



**Algorithm:**

