

LeetCode

Day-18 Q-03 3Sum Closest

Given an array `nums` of n integers and an integer `target`, find three integers in `nums` such that the sum is closest to `target`. Return the sum of the three integers. You may assume that each input would have exactly one solution.

Example 1:

Input: `nums = [-1,2,1,-4]`, `target = 1`

Output: 2

Explanation: The sum that is closest to the target is 2. $(-1 + 2 + 1 = 2)$.

Constraints:

- `3 <= nums.length <= 10^3`
- `-10^3 <= nums[i] <= 10^3`
- `-10^4 <= target <= 10^4`