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16. 3Sum Closest

Medium

6195

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Given an integer array `nums` of length `n` and an integer `target`, find three integers in `nums` such that the sum 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. ($-1 + 2 + 1 = 2$).

Example 2:

Input: `nums = [0,0,0]`, `target = 1`

Output: 0

Constraints:

- $3 \leq \text{nums.length} \leq 1000$
- $-1000 \leq \text{nums}[i] \leq 1000$
- $-10^4 \leq \text{target} \leq 10^4$

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