

Given an array of distinct integers. The task is to count all the triplets such that sum of two elements equals the third element.

Example 1:

Input:

$N = 4$

$\text{arr}[] = \{1, 5, 3, 2\}$

Output: 2

Explanation: There are 2 triplets:

$1 + 2 = 3$ and $3 + 2 = 5$

Example 2:

Input:

$N = 3$

$\text{arr}[] = \{2, 3, 4\}$

Output: 0

Explanation: No such triplet exists

Your Task:

You don't need to read input or print anything. Your task is to complete the function **countTriplet()** which takes the array **arr[]** and **N** as inputs and returns the triplet count

Expected Time Complexity: $O(N^2)$

Expected Auxiliary Space: $O(1)$

Constraints:

$1 \leq N \leq 10^3$

$1 \leq \text{arr}[i] \leq 10^5$