

Count triplets with sum smaller than X

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Given an array of distinct integers and a sum value. Find count of triplets with sum smaller than given sum value.

Note: Expected time complexity $O(n^2)$.

Input:

First line consists of T test cases. First line of every test case consists of N and X, denoting the number of elements in array and Sum Value respectively. Second line consists of elements of Array.

Output:

Single line output, print the count of Triplets.

Constraints:

$1 \leq T \leq 100$

$1 \leq N \leq 10^4$

Example:

Input:

2

4 2

-2 0 1 3

5 12

5 1 4 3 7

Output:

2

4