

Pizzamania

Singham and his friends are fond of pizza. But this time they are short of money. So they decided to help each other. They all decided to bring pizza in pairs. Our task is to find the total number of pairs possible which can buy pizza, given the cost of pizza. As pizza boys don't have any cash for change, if the pair adds up to more money than required, then also they are unable to buy the pizza. Each friend is guaranteed to have a distinct amount of money. As it is Singham's world, money can also be negative 😊.

Input Format

The first line consists of t ($1 \leq t \leq 100$) test cases.

In the following $2 \times t$ lines, for each test case first there is n and m , where n ($1 \leq n \leq 100000$) is the number of Singham's friends and m is the price of pizza. The next line consists of n integers, separated by space, which are the money each friend has.

The value of m and money is within the limits of int in C, C++, C++.

Output Format

A single integer representing the number of pairs which can eat pizza.

Sample test

input
2 4 12 9 -3 4 3 5 -9 -7 3 -2 8 7
output
1 1