

Count pairs with given sum

Submissions: 17291 (/problem_submissions.php?pid=676) Accuracy: 50.97% Difficulty: Easy (<https://practice.geeksforgeeks.org/Easy/0/0/>) Marks: 2

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Problems

Given an array of integers, and an integer 'K', find the count of pairs of elements in the array whose sum is equal to 'K'.

Input:

First line of the input contains an integer T, denoting the number of test cases. Then T test cases follow. Each test case consists of two lines. First line of each test case contains 2 space separated integers N and K denoting the size of array and the sum respectively. Second line of each test case contains N space separated integers denoting the elements of the array.

Output:

Print the count of pairs of elements in the array whose sum is equal to the K.

Constraints:

$1 \leq T \leq 50$

$1 \leq N \leq 50$

$1 \leq K \leq 50$

$1 \leq A[i] \leq 100$

Example:

Input

```
2
4 6
1 5 7 1
4 2
1 1 1 1
```

Output

```
2
6
```

**** For More Input/Output Examples Use 'Expected Output' option ****

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