

Twice counter

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Given an array of n words. Some words are repeated twice, we need count such words.

Input:

The first line of input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case contains an integer n denoting the number of words in the string. The next line contains n space separated words forming the string.

Output:

Print the count of the words which are repeated twice in the string.

Constraints:

$1 \leq T \leq 10^5$

$1 \leq \text{no of words} \leq 10^5$

$1 \leq \text{length of each word} \leq 10^5$

Example:

Input:

2

10

hate love peace love peace hate love peace love peace

8

Tom Jerry Thomas Tom Jerry Courage Tom Courage

Output:

1

2