

PRACTICE

COMPETE

JOBS

LEADERBOARD

Q Search



pruthvishalcodi1 >

All Contests > ALCoding Summer Long challenge 2 > Try Palindromes

Try Palindromes



by pruthvishalcodi1

Problem

Submissions

Leaderboard

Discussions

Editorial

Given a list of strings S[1..N], you need to count how many ordered pairs of strings are awesome. Given two integers i and j, such that $1 \le i, j \le n$ and $i \ne j$, an ordered pair (S[i], S[j]) is called awesome if and only if concatenating S[i] and S[j] gives a palindrome.

Input Format

The first line contains an integer T denoting the total number of test cases.

In each test case, the first line contains an integer N denoting the total number of strings.

Then, there are N strings, each in a separate line. They only consist of lower case characters.

Constraints

- 1 <= T <= 5
- 1 <= N <= 10^6
- Sum of lengths of N strings <= 10^6

Output Format

For each test case, output a single line containing the answer.

Sample Input 0

1

3

а ab

abb

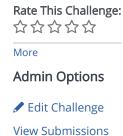
Sample Output 0

2

Explanation 0

ab|a and abb|a

Submissions: 66 Max Score: 20



```
Current Buffer (saved locally, editable) \ \mathscr{V} \ \mathfrak{O}
                                                                                 C++14
   1 ♥#include <cmath>
   2 #include <cstdio>
     #include <vector>
   4 #include <iostream>
   5 #include <algorithm>
   6 using namespace std;
   7
   8
   9 vint main() {
           /* Enter your code here. Read input from STDIN. Print output to STDOUT */
           return 0;
  11
  12 }
                                                                                                           Line: 1 Col: 1
<u>♣ Upload Code as File</u> Test against custom input
                                                                                            Run Code
                                                                                                          Submit Code
```

Contest Calendar | Interview Prep | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy | Request a Feature