

CHALLENGE H

DESCRIPTION

CLARIFICATIONS 4

BASE TIME LIMIT: 1 SECOND | MEMORY LIMIT: 200 MB | CONTEST CONTEST NATAL 2022 / CHRISTMAS CONTEST 2022 BY BEECROWD NATAL

beecrowd | H

Sprucing up the Room

Por Esrael Sousa - IFCE Tianguá, beecrowd Natal 🇧🇷 Brazil

Timelimit: 1

Teacher Diana teaches children at a school in the center of the city. This year she wants to decorate the classroom walls with the message "Merry Christmas" using her magazines to increase the collective work of the class.

As she knows, some children might end up not cutting a letter out of the magazine, so she wants to know before starting the lesson how many times the message "Merry Christmas" can be written no matter if the letters are uppercase or lowercase. However, she is very busy correcting some proofs yet, so she asked you to make a program that, given the texts of the magazines, tells you how many times the message can be written.

Input

The input has several lines, the first line contains an integer $1 \leq N \leq 10$ indicating the number of magazines. For each journal, there will be an integer $1 \leq M \leq 10^3$ corresponding to the number of lines of text in the journal, then there will be **M** lines containing uppercase letters [A, Z], lowercase [a, z] and spaces.

Note: A line of text will have at least one character and a maximum of 100.

Output

The output only contains an integer indicating the response indicating how many times the message can be written.

Samples Input	Samples Output
1 4 Merry Christmas rRtAymrrecddssHeitm SamtsirHC MeRRy MMeyyrrrrr rhCCTssTssiiie MmaA	4

CHALLENGE

LANGUAGE

H

Java 14

SOURCE CODE

```
1 import java.io.IOException;
2
3 /**
4  * IMPORTANT:
5  *     O nome da classe deve ser "Main" para que
6  *     Class name must be "Main" for your soluti
7  *     El nombre de la clase debe ser "Main" par
8  */
9 public class Main {
10
11     public static void main(String[] args) throws
12
13         /**
14          * Escreva a sua solução aqui
15          * Code your solution here
16          * Escriba su solución aquí
17          */
18
19     }
20
21 }
```

CODE YOUR SOLUTION AND SUBMIT!

SEND