**PROBLEM STATEMENT:**

There is a collection of necklaces where each necklace has various stones embeded in it. Each type of stone is designated by a lowercase letter in the range ascii[a-z] . There may be multiple occurrences of a stone in a necklace. A stone is called a “facelift” if it occurs at least once in each of the necklaces in the collection.

Given a list of stones embedded in each of the necklaces, display the number of types of “facelifts” in the collection.



**EXAMPLE:**

arr=[‘cba’, ‘abc’, ‘ab’]  
The stones a and b appear in each rock, so there are 2 facelifts.

**FUNCTION DESCRIPTION:**

Complete the facelifts function.

facelifts has the following parameter(s):

* string arr[n]: an array of strings

**Returns:**

* int: the number of facelifts found

**INPUT FORMAT:**

The first line consists of an integer n , the size of arr.

Each of the next x lines contains a string arr[i] where each letter represents an occurance of a stone in the current necklace.

**CONSTRAINTS:**

* 1≤n≤100
* 1≤ | arr[i] |≤100

Each composition arr[i] consists of only lower-case Latin letters ('a'-'z').

**SAMPLE INPUT 1:**

STDIN Function

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3 arr[] size n = 3

abcdde arr = ['abcdde', 'baccd', 'eeabg']

baccd

eeabg

**SAMPLE OUTPUT 1:**

2

**SAMPLE INPUT 2:**

STDIN Function

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4 arr[] size n = 4

abcdd arr = ['abcdd', 'bcadda', 'eeabcg']

bcadda

eebcg

**SAMPLE OUTPUT 2:**

2

**EXPLANATION:**

In sample input 1 a and b occur in every necklace.