

CHALLENGE D

DESCRIPTION

CLARIFICATIONS

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

beecrowd | D

Christmas Dinner

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Timelimit: 1

Like all people, the good old man also likes a good candy. In addition, he cooks very well and asked his gnomes to take some recipes and buy each of the ingredients.

Each of the recipes is made up of two parts. The first part corresponds to the dough ingredients and the second part corresponds to the filling ingredients (or the topping, depending on the candy or cake). Each of these two parts begin with an integer indicating the number of followind items (30 items at maximun).

Based on each recipe, list the ingredients the gnomes should buy in ascending alphabetical order (ignore quantity and unit).

Input

The input consists of an integer **M** that indicates the quantity of items (lines) to follow, which are the dough ingredients. There follows an integer **N** that indicates the number of items (lines) to follow, which are the filling or topping ingredients.

Output

Based on given recipe, list the ingredients the gnomes should buy in ascending alphabetical order (ignore quantity and unit).

Samples Input	Samples Output
4 farinha 2 xicaras ovos 2 unidades leite 1 xicara acucar 1 colher	acucar chocolate farinha leite ovos
3 leite 1 xicara acucar 1 xicara chocolate 2 colheres	

CHALLENGE

LANGUAGE

D

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