Problem 3 - Degustation Party

You throw a degustation dinner party and you want to find out which meals your guests liked and how many meals they did not like.

Create a program that keeps information about guests liked and disliked meals.

You will be receiving **lines** with commands until you receive the **"Stop"** command. The **possible** commands are:

- **"Like-{guest}-{meal}":**
  - Add the **meal** to the **guest's collection** of meals.
  - If the guest **does not** exist, **add** them and their meal to your record.
  - If the guest **already has the meal** in their collection, do not add it.
- **"Dislike-{guest}-{meal}":**
  - **Remove** the meal of the guest's collection of liked meals and print:
    "{Guest} doesn't like the {meal}."
    You must keep the count of unliked meals of all unliked meals!
  - If the guest does not exist, print:
    "{Guest} is not at the party."
  - If the guest does not have the meal at the like list, print:
    "{Guest} doesn't have the {meal} in his/her collection."

In the end, you should **print the guests with their liked meals.** Then print the count of **unliked meals** in the format below:

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"{Guest1}: {meal1}, {meal2} ... {mealN}
{Guest2}: {meal1}, {meal2} ... {mealN}
…
{GuestN}: {meal1}, {meal2} ... {mealN}
Unliked meals: {count of all unliked meals}"
```

Input

- You will be receiving lines until you receive the **"Stop"** command.
- The input will **always** be **valid**.

Output

- **Print** the guests with their **meals** in the **format** described above.
- **Print** the count of **unliked meals** in the **format** described above.

Examples

Input	Output
Like-Krisi-shrimps Like-Krisi-soup Like-Penelope-dessert Like-Misho-salad Stop	Krisi: shrimps, soup Penelope: dessert Misho: salad Unliked meals: 0
Like-Krisi-shrimps Dislike-Vili-carp Dislike-Krisi-salad Stop	Vili is not at the party. Krisi doesn't have the salad in his/her collection. Krisi: shrimps Unliked meals: 0
Like-Katy-fish Dislike-Katy-fish Stop	Katy doesn't like the fish. Katy: Unliked meals: 1

JS Examples

The input will be provided as an array of strings.

Input	Output
(["Like-Krisi-shrimps", "Like-Krisi-soup", "Like-Penelope-dessert", "Like-Misho-salad", "Stop"])	Krisi: shrimps, soup Penelope: dessert Misho: salad Unliked meals: 0
(["Like-Krisi-shrimps", "Dislike-Vili-carp", "Dislike-Krisi-salad", "Stop"])	Vili is not at the party. Krisi doesn't have the salad in his/her collection. Krisi: shrimps Unliked meals: 0

(["Like-Katy-fish", "Dislike-Katy-fish", "Stop"])	Katy doesn't like the fish. Katy: Unliked meals: 1