# 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:

**"{Guest1}: {meal1}, {meal2} ... {mealN}**

**{Guest2}: {meal1}, {meal2} ... {mealN}**

**…**

**{GuestN}: {meal1}, {meal2} ... {mealN}**

**Unliked meals: {count of all unliked meals}"**

### Input

* You will be receiving linesuntil 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-Christine-shrimps  Like-Christine-soup  Like-Penelope-dessert  Like-Michael-salad  Stop | Christine: shrimps, soup  Penelope: dessert  Michael: salad  Unliked meals: 0 |
| Like-Christine-shrimps  Dislike-Violet-carp  Dislike-Christine-salad  Stop | Violet is not at the party.  Christine doesn't have the salad in his/her collection.  Christine: shrimps  Unliked meals: 0 |
| Like-Katy-fish  Dislike-Katy-fish  Stop | Katy doesn't like the fish.  Katy:  Unliked meals: 1 |