**Problem 3. Inventory**

*As a young traveler, you gather items and craft new items.*

**Input / Constraints**

You will receive a journal with some Collecting items, separated with **', '** (comma and space). After that, until receiving **"Craft!"** you will be receiving different commands.

Commands (split by **" - "**):

* **"Collect - {item}"** – Receiving this command, you should add the given item in your inventory. If the item already **exists**, you should **skip** this line.
* **"Drop - {item}"** – You should remove the item from your inventory, **if it exists**.
* **"Combine Items - {oldItem}:{newItem}"** – You should check if the **old item exists**, if so, **add** the new item **after** the **old one**. Otherwise, **ignore** the command.
* **"Renew – {item}"** – If the given item exists, you should change its position and **put it last** in your inventory.

**Output**

After receiving **"Craft!"** print the items in your inventory, separated by **", "** (comma and space).

**Examples**

|  |  |
| --- | --- |
| **Input** | **Output** |
| Iron, Wood, Sword  Collect - Gold  Drop - Wood  Craft! | Iron, Sword, Gold |
| **Input** | **Output** |
| Iron, Sword  Drop - Bronze  Combine Items - Sword:Bow  Renew - Iron  Craft! | Sword, Bow, Iron |