**Exercises: Sets and Dictionaries Advanced**

Problems for exercises and homework for the ["C# Advanced" course @ HYPERLINK "https://softuni.bg/trainings/3584/csharp-advanced-january-2022"SoftUni HYPERLINK "https://softuni.bg/trainings/3584/csharp-advanced-january-2022".](https://softuni.bg/trainings/3584/csharp-advanced-january-2022)

You can check your solutions in [Judge](https://judge.softuni.org/Contests/1466/Sets-and-Dictionaries-Advanced-Exercise)

* **Wardrobe**

Create a program that helps you decide what **clothes** to wear from your **wardrobe**. You will receive the **clothes**, which are currently in your wardrobe, sorted by their **color** in the following **format**:

"**{color} -> {item1},{item2},{item3}…**"

If you receive a certain color, which already **exists** in your wardrobe, just **add** the clothes to **its** **records**. You can also receive **repeating** **items** for a certain **color** and you have to keep their **count**.

In the end, you will receive a **color** and a piece of **clothing**, which you will **look for** in the wardrobe, separated by a space in the following format:

**"{color} {clothing}"**

Your task is to print all the **items** and their **count** for **each** **color** in the following format**:**

**"{color}** **clothes**:

\* **{item1}** - **{count}**

\* **{item2}** - **{count}**

\* **{item3}** - **{count}**

…

\* **{itemN}** - **{count}"**

If you find the **item** you are **looking for**, you need to print **"(found!)"** next to it:

"\* **{itemN}** - **{count} (found!)"**

**Input**

* On the **first** **line**, you will receive **n** - the **number of lines** of clothes, which you will receive.
* On the next **n** lines, you will receive the **clothes** in the **format** **described** above.

**Output**

* Print the **clothes** from your wardrobe in the **format** **described** above

**Examples**

|  |  |
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| **Input** | **Output** |
| 4  Blue -> dress,jeans,hat  Gold -> dress,t-shirt,boxers  White -> briefs,tanktop  Blue -> gloves  Blue dress | Blue clothes:  \* dress - 1 (found!)  \* jeans - 1  \* hat - 1  \* gloves - 1  Gold clothes:  \* dress - 1  \* t-shirt - 1  \* boxers - 1  White clothes:  \* briefs - 1  \* tanktop - 1 |
| 4  Red -> hat  Red -> dress,t-shirt,boxers  White -> briefs,tanktop  Blue -> gloves  White tanktop | Red clothes:  \* hat - 1  \* dress - 1  \* t-shirt - 1  \* boxers - 1  White clothes:  \* briefs - 1  \* tanktop - 1 (found!)  Blue clothes:  \* gloves - 1 |
| 5  Blue -> shoes  Blue -> shoes,shoes,shoes  Blue -> shoes,shoes  Blue -> shoes  Blue -> shoes,shoes  Red tanktop | Blue clothes:  \* shoes - 9 |