## 5.Lowest Prices in Cities

You will be given several towns, with products and their price. You need to find **the lowest price** for **every product** and **the town it is sold at** for that price.

### Input

The **input** comes as an array of strings. Each element will hold data about a **town**, **product**, and **its price** at that town. The **town** and **product** will be **strings**, the **price** will be a **number**. The input will come in the following format:

{townName} | {productName} | {productPrice}

### Output

As **output**, you must print **each** **product** with its **lowest price** and **the town** at which the product is **sold at that** **price**. If **two towns share** the **same lowest price**, print the one that was **entered first**.   
The output, for every product, should be in the following format:

{productName} -> {productLowestPrice} ({townName})

The **order of output** in - **order of entrance**. See the examples for more info.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| **['Sample Town | Sample Product | 1000',**  **'Sample Town | Orange | 2',**  **'Sample Town | Peach | 1',**  **'Sofia | Orange | 3',**  **'Sofia | Peach | 2',**  **'New York | Sample Product | 1000.1',**  **'New York | Burger | 10']** | **Sample Product -> 1000 (Sample Town)**  **Orange -> 2 (Sample Town)**  **Peach -> 1 (Sample Town)**  **Burger -> 10 (New York)** |