## Word Synonyms

Write a program, which keeps a dictionary with synonyms. The **key** to the dictionary will be the **word**. The **value** will be a **list of all the synonyms of that word**. You will be given a number **n – the count of the words**. After each word, you will be given a synonym, so the count of lines you should read from the console is **2 \* n. You will be receiving** a **word** and a **synonym** each on a separate line like this:

* {**word**}
* {**synonym**}

If you get the same word twice, just add the new synonym to the list.

Print the words in the following format:

**{word} - {synonym1, synonym2… synonymN}**

### Examples

|  |  |
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| **Input** | **Output** |
| 3  cute  adorable  cute  charming  smart  clever | cute - adorable, charming  smart - clever |
| 2  task  problem  task  assignment | task - problem, assignment |