# Problem 3 - Dictionary



*You have homework to present different words and their definitions.*

You are in the library, looking for words to write down in your notebook. Your first task is to store every word **with its definition**.

You will receive **all the words and definitions**, separated by **" | "**, and **each word** and its **definition** will be separated by **": "**. **Note: you could receive the same word more than once with different definitions - you need to store all of them in your notebook.**

Next, you will receive **only words**, again separated by **" | "**. These are the words that **your teacher will test you on.**

In the end, you will receive one command, which will be either **"Test"** or **"Hand Over"**:

* If the command is **"Test"**, you should find **each word** that your teacher will test you on (**if it exists in your notebook)** and print **all its definitions** in the following format:

**"{word}:"**

**" -{definition1}"**

**" -{definition2}"**

**…**

**" -{definitionN}"**

* If the command is "**Hand Over**", you should print **only the words that are in your notebook**, without the definitions, separated by a space (**" "**).

## Input

* On the **first line**, you will receive pairs of **words** and their **definition**, separated by **" | "**. Within each pair, the word is separated from the definition with **": "**.
* On the **second line**, you will receive **only words**, separated by **" | "**.
* On the **third line**, you will receive a **command** - either **"Test"** or **"Hand Over"**.

## Output

* Print the appropriate message after the **"Test"** or **"Hand Over"** command.

## Examples

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| **Input** |
| programmer: an animal, which turns coffee into code | developer: a magician  fish | domino  Hand Over |
| **Output** |
| programmer developer |
| **Input** |
| care: worry, anxiety, or concern | care: a state of mind in which one is troubled | face: the front part of the head, from the forehead to the chin  care | kitchen | flower  Test |
| **Output** |
| care:  -worry, anxiety, or concern  -a state of mind in which one is troubled |
| **Input** |
| tackle: the equipment required for a task or sport | code: write code for a computer program | bit: a small piece, part, or quantity of something | tackle: make determined efforts to deal with a problem | bit: a short time or distance  bit | code | tackle  Test |
| **Output** |
| bit:  -a small piece, part, or quantity of something  -a short time or distance  code:  -write code for a computer program  tackle:  -the equipment required for a task or sport  -make determined efforts to deal with a problem |

## JS Examples

The input will be provided as an **array with exactly three strings in it**:

|  |
| --- |
| **Input** |
| (["programmer: an animal, which turns coffee into code | developer: a magician",  "fish | domino",  "Hand Over"]) |
| **Output** |
| programmer developer |
| **Input** |
| (["care: worry, anxiety, or concern | care: a state of mind in which one is troubled | face: the front part of the head, from the forehead to the chin",  "care | kitchen | flower",  "Test"]) |
| **Output** |
| care:  -worry, anxiety, or concern  -a state of mind in which one is troubled |
| **Input** |
| (["tackle: the equipment required for a task or sport | code: write code for a computer program | bit: a small piece, part, or quantity of something | tackle: make determined efforts to deal with a problem | bit: a short time or distance",  "bit | code | tackle",  "Test"]) |
| **Output** |
| bit:  -a small piece, part, or quantity of something  -a short time or distance  code:  -write code for a computer program  tackle:  -the equipment required for a task or sport  -make determined efforts to deal with a problem |