# Problem 1

*You are learning how to make milkshakes.*

First, you will be given **two sequences of integers** representing **chocolates** and **cups of milk**.

You have to start from the **last chocolate** and try to match it with the **first cup of milk**. If their **values** are **equal**, you should **make a milkshake** and **remove both** ingredients. Otherwise you should **move the cup of milk** at the end of the **sequence** and **decrease** the **value** of the **chocolate** by **5 without moving it from its position**.

If any of the values are **equal to or below** **0**, you should **remove them** from the records **before** trying to **mix** it with the other ingredient.

When you **successfully prepare 5 chocolate milkshakes or** you have **no more chocolate or cups of milk left**, you need to **stop** **making chocolate milkshakes.**

### Input

* On the **first line** of input you will receive the integers, representing the **chocolate**, **separated** by **", "**.
* On the **second line** of input you will receive the integers, representing the **cups of milk**, **separated** by **", "**.

### Output

* On the **first** line, print:
  + If you **successfully made** 5 milkshakes: "Great! You made all the chocolate milkshakes needed!"
  + Otherwise: "Not enough milkshakes."
* On the **second** line - print:
  + If there **are** chocolates left: "**Chocolate: {chocolate1}, {chocolate2}, (…)**"
  + Otherwise: "**Chocolate: empty**"
* On the **third** line - print:
  + If there **are** cups of milk left: "**Milk: {milk1}, {milk2}, {milk3}, (…)**"
  + Otherwise: "**Milk: empty**"

### Constraints

* All given **numbers** will be valid integers in the range **[-100 … 100]**.

### Examples

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| ****Input**** | ****Output**** |
| **20, 24, -5, 17, 22, 60, 26**  **26, 60, 22, 17, 24, 10, 55** | **Great! You made all the chocolate milkshakes needed!**  **Chocolate: 20**  **Milk: 10, 55** |
| ****Comment**** | |
| 1) 26 == 26 -> You made chocolate milkshake. Remove both ingredients.  2) 60 == 60 -> You made chocolate milkshake. Remove both ingredients.  3) 22 == 22 -> You made chocolate milkshake. Remove both ingredients.  4) 17 == 17 -> You made chocolate milkshake. Remove both ingredients.  5) -5 is invalid so it is removed before mixing.  6) 24 == 24 -> You made chocolate milkshake. Remove both ingredients. You made enough chocolate milkshakes. The program ends. | |

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| ****Input**** | ****Output**** |
| **-10, -2, -30, 10**  **-5** | **Not enough milkshakes.**  **Chocolate: -10, -2, -30, 10**  **Milk: empty** |
| **2, 3, 3, 7, 2**  **2, 7, 3, 3, 2, 14, 6** | **Great! You made all the chocolate milkshakes needed!**  **Chocolate: empty**  **Milk: 14, 6** |