Bouquets

You want to go to a bouquets competition but to participate you have to make at least 5 bouquets.

You will be given **two sequences of integers, representing daffodils and tulips.** You need to start making bouquets **knowing that one bouquet needs 15 flowers**. Your goal is to make **at least 5 bouquets.**

You will start crafting from the **last tulips** and the **first daffodils**. If the **sum** of their values is **equal** to **15** – **create one bouquet** and **remove** them. While the sum is **bigger than 15**, keep **decreasing** the value of the **tulips by 2**. If the sum **is less than 15 you have to store them for later and remove them**. You need to **stop** combining when you have **no more daffodils or tulips**. In the end, if you have **any stored flowers you should make as many bouquets as you can with them.**

Input

- On the **first line**, you will receive the integers representing the **tulips**, **separated** by **", "**.
- On the **second line**, you will receive the integers representing the **daffodils**, **separated** by **",** ".

Output

- Print whether you have succeeded in making **at least 5 bouquets**:
  - **`"You made it! You go to the competition with {count of bouquets} bouquets!"`**
  - **`"You failed... You need more {number} bouquets."`**

Constraints

- All of the given numbers will be valid integers in the range **[0, 120]**.
- Don't have a situation with a negative number.

Examples

Input	Output
`10, 15, 2, 7, 9, 13` `2, 10, 8, 12, 0, 5`	`You made it! You go to the competition with 5 bouquets!`
Comment	
We start with the last tulips (13) and the first daffodils (2) -> 13 + 2 = 15 -> 15 = 15 So we create one bouquet and remove them bouth. Next we have 9 + 10 = 19 -> 19 > 15 so we decrease the tulips by 2 -> 7 + 10 = 17 and we decrease the tulips by 2 -> 5 + 10 = 15 and we create one more bouquet and remove them.	

Next, we have 7 + 8 = 15. We create one more bouquet and remove them.

Next, we have 2 + 12 = 14 -> 14 < 15 so we have to store theire sum for later and remove theme.

Next, we have 15 + 0 = 15 so we create one more bouquet.

And last we have 10 + 5 = 15, we create one more bouquet and stop mixing because we don't have any flowers left.

Now we have a total of 5 bouquets and we also have 14 flowers left but we cant create a bouquet because 14 < 15.

Input	Output
`10, 5, 3, 7, 8` `5, 10, 8, 7, 6`	`You failed... You need more 1 bouquets.`

Comment

We start with 8 + 5 = 13 -> 13 < 15 -> we have to store their sum for later and remove them.

Next, we have 7 + 10 = 17 -> we decrease the tulips by 2 -> 5 + 10 = 15 -> 15 = 15 and we create one bouquet.

Next, we have 3 + 8 = 11 -> 11 < 15 -> we store their sum for later and remove them.

Next, we have 5 +7 = 12 -> we store their sum for later and remove them.

`Next, we have 10 + 6 = 16 -> 16 > 15` we decrease the tulips by 2 -> 8 + 6 = 14 and we store their sum for later and remove them.

We stop crafting because we don't have any flowers left and we have 1 bouquet and 50 stored flowers. We create 3 more bouquets because 3 * 15 = 45 -> 50 – 45 = 5 -> 5 < 15.