# Flower Wreaths

*You want to go on a flowers wreath competition but to participate you have to make at least 5 flower wreaths.*

**Stack – LIFO – dishes**

**Queue – FIFO – store**

You will be given **two sequences of integers, representing roses and lilies**. You need to start making wreaths **knowing that one wreath needs 15 flowers**. Your goal is to make **at least 5 flower wreaths**.

You will start crafting from the **last lilies** and the **first roses**.

* ~~If the~~ **~~sum~~** ~~of their values is~~ **~~equal~~** ~~to~~ **~~15~~** ~~–~~ **~~create one wreath~~** ~~and~~ **~~remove~~** ~~them.~~
* ~~If the sum is~~ **~~bigger than 15~~**~~, just~~ **~~decrease~~** ~~the value of the~~ **~~lilies~~****~~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 roses or lilies~~**~~.~~
* In the end, if you have **any stored flowers you should make as many wreaths as you can with them**.

### Input

* On the **first line**, you will receive the integers representing the **lilies**, **separated** by **", "**.
* On the **second line**, you will receive the integers representing the **roses**, **separated** by "**,** ".

### Output

* Print whether you have succeeded making **at least 5 wreaths**:
  + **"You made it, you are going to the competition with {count of wreaths} wreaths!"**
  + **"You didn't make it, you need {wreaths needed} wreaths more!"**

### Constraints

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

### Examples

|  |  |
| --- | --- |
| ****Input**** | ****Output**** |
| **10, 15, 2, 7, 9, 13**  **2, 10, 8, 12, 0, 5** | **You made it, you are going to the competition with 5 wreaths!** |
| ****Comment**** | |
| We start with the last lilies (13) and the first roses (2) -> 13 + 2 = 15 -> 15 = 15 So we create one wreath and remove them bouth.  Next we have 9 + 10 = 19 -> 19 > 15 so we decrease the lilies by 2 -> 7 + 10 = 17 and we decrease the liles by 2 -> 5 + 10 = 15 and we create one more wreath and remove them.  Next, we have 7 + 8 = 15. We create one more wreaht and remove them.  Next, we have 2 + 12 = 14 -> 14 < 15 so we have to store theire sum for later and remove them.  Next, we have 15 + 0 = 15 so we create one more wreath.  And last we have 10 + 5 = 15, we create one more wreath and stop mixing because we don’t have any flowers left.  Now we have a tottal of 5 wreaths and we also have 14 flowers left but we cant create wreath because 14 < 15. | |

|  |  |
| --- | --- |
| ****Input**** | ****Output**** |
| **10, 5, 3, 7, 8**  **5, 10, 8, 7, 6** | **You didn't make, you need 1 wreaths more!** |
| ****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 lilies by 2 -> 5 + 10 = 15 -> 15 = 15 and we create one wreath.  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 lilies 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 wreath and 50 stored flowers. We create 3 more wreaths because 3 \* 15 = 45 -> 50 – 45 = 5 -> 5 < 15. | |