You are given an array of numbers and a number N. If the group of N numbers at the start and end of the array are the same return true + the equal characters, separated by comma. If they are not the same, return false + the first pair of characters that is different. You may assume that n is in the range 1..nums.length inclusive.

### **Example**

With numbers {5, 6, 45, 99, 13, 6, 5} and N = 3 you should output the following:

Copy

false 45,13

#### **Explanation**

We are comparing the first 3 and the last 3 numbers(starting from the very end), 5=5, 6=6, but 45!=13

### **Input**

On the first line you will be given the array of numbers, separated by comma. On the second line you will receive N.

### **Output**

On the only output line you should print true/false, followed by blank space + the numbers that are equal/differ.

### **Sample tests**

#### **Input**

Copy

5,6,45,99,13,6,5

3

#### **Output**

Copy

false 45,13

#### **Input**

Copy

5,6,13,99,13,6,5

3

#### **Output**

Copy

true 5,6,13