**Too Many Occurrences!**

Milia was looking through her holiday photos that she took last week. The issue is, she took too many pictures of all the places! She only wants pictures of the same location at most **O** times. That’s where you come in. can you help her remove the pictures (represented as numbers) such that her list contains each number only up to **O** times, without changing the order?

**Input:** The first line of input contains **N**, the number of numbers and **O**, the maximum occurrence. The next line is **N** numbers.

**Output:** The output will be the list of numbers with the extra numbers removed.

**Example Input:**

8 2

1 2 3 1 2 1 2 3

**Example Output:**

1 2 3 1 2 3

**Explanation:** since **O** is 2, we remove the last 1 and 2 from the list since that makes the numbers 1 and 2 appear three times. The rest of the numbers remain since they’re less than or equal to 2 occurrences.