**S-Smallest**

Given an array of **N** integers, could you print out the **S**-smallest integers in appearance of the list?

**Input:** The first line of input contains **N** and **S** respectively. The next line of input contains **N** space-separated integers. You can assume there will be no illegal input. **S** will be less than **N** as well.

**Output:** The **S**-smallest integers in order of appearance in the list.

**Example Input #2:**

5 3

1 2 3 4 1

**Example Output #2:**

1 2 1

**Example Input #1:**

5 3

5 4 3 2 1

**Example Output #2:**

3 2 1

**Explanation:** In input #1, we see that the first 3 smallest numbers are 1, 2, 3. So we print them out while keeping the order they appeared in the list.

In input #2, elements 1, 1, 2 are the 3 smallest in the list, so we print those out in order of appearance as well.