**Sorting Steps**

When sorting an array, you can look at the current layout of any given array and figure out how many steps swaps there are left to fully sort the array. Given an array, do you think you can determine the number of steps left to sort it?

**Input:** The first line contains **N**, the number of elements of the array. The next line contains **N** integers.

**Output:** The number of steps left to sort the array.

**Example Input:**

4

4 3 2 1

**Example Output:**

6

**Explanation:** 4, 3, 2, 1 requires six swaps: 4 and 3, 4 and 2, 4 and 1, 3 and 2, 3 and 1, 2 and 1.