Insertion Sort with Sentinel

1. *Insertion sort with sentinel*. Develop an implementation of insertion sort that eliminates the **j>0** test in the inner loop by first putting the smallest item into position.

**Input Format:**

* The first line of the input contains the number of **T** test cases.
* For each test case:
  + The first line of each test case contains n value. (Indicates the number of elements).
  + The elements are separated by comma and followed by a space (, ).
  + There will be a blank line for each test case.

**Output Format:**

* Print the array after keeping the sentinel at the right position.
* Sort the elements using Insertion sort with sentinel and then print all the elements with comma and space separated for each iteration.
* Print the total number of comparisons that the insertion sort algorithm is used to sort the elements. (It will includes array bound checks and element comparisons).

**Constraints:**

* 1 ≤ T ≤ 5. (Test Cases)

**Sample Input:**

**1**

**5**

**1, 4, 2, 5, 3**

**Sample Output:**

**1, 4, 2, 5, 3**

**1, 4, 2, 5, 3**

**1, 4, 2, 5, 3**

**1, 2, 4, 5, 3**

**1, 2, 4, 5, 3**

**1, 2, 3, 4, 5**

**Number of comparisons are: 21**