# Problem: Insertion Sort - Part 1

**Sample Input**

5

2 4 6 8 3

**Sample Output**

2 4 6 8 8

2 4 6 6 8

2 4 4 6 8

2 3 4 6 8

Program:

n = int(input())

arr = list(map(int, input().rstrip().split()))

element = arr[n-1]

for i in range(n-2, -2,-1):

    # print(i)

    if(arr[i] <= element):

        if arr[i+1] > element:

            arr[i+1] = element

        else:

            break

    else:

        if(i == -1):

            arr[0]=element

        else:

            arr[i+1] = arr[i]

    print(\*arr, sep=" ")