Problem Statement 2:

Given an array of n integers - A[], sort them into non-decreasing order using *selection sort.*

You have to use the following function prototype:

void selectionSort(int A[ ], int low, int high)

Input :

First line specifies t, the number of test cases. In each of the next t test cases, first line specifies n, the number of integers in A[], the second line consists of n space separated integers.

Output:

For each test case print the sorted array in the new line as illustrated in the sample output.

Note: In each line the, last number should be followed by a "\n"(newline character).

Constraints:

1<=t<=10

1<=n<=100

-1000000<=A_i<=1000000

0<=i<n

Sample Input:

2

3

1 2 6

4

9 1 10 8

Sample Output:

1 2 6

1 8 9 10