Sorting Array

You have given a unsort array. You need to sort it with increasing and display an array have been sorted.

**Input**

* n is length of array
* arr is array need to sort
* Value of each element in array from -3\*109 to 3\*109

**Output**

* An sorted array

**Example**

* For n = 5, arr = [-1, 5, 3, 15, -3]
* The output should be -3 -1 3 5 15

**END**