

# SRM DSA 2015

## Lab. Assignment 5

Input an array of strings. Sort the array in lexicographical order using merge sort only.  
(4 points)

### Input:

- First line will contain T, the number of test cases.
- For every test case the first line will contain an integer N denoting the number of strings.
- The second line of each test case will contain N space separated strings.

### Output:

For every test case a single line, with N space separated strings in each line and the strings are sorted lexicographically. The output of 2 testcases should be separated by a new line (See sample output).

### Sample input:

```
2
5
Neha Minakshi Arun Dilip Neena
3
Rohit Vartika Arti
```

### Sample Output:

```
Arun Dilip Minakshi Neena Neha
Arti Rohit Vartika
```