String Sort

Problem Statements :

Nishant is very naughty boy in Launchpad Batch. One day he was playing with strings, and randomly shuffled them all. Your task is to help Nishant Sort all the strings ( lexicographically ) .

Input Format :

N(integer) followed by N strings.

Constraints :

.

Output Format :

N lines each containing one string.

Sample Input :

3  
bat  
apple  
batman

Sample Output :

apple  
bat  
batman