

## Print Anagrams Together

Given an array of strings, return all groups of strings that are anagrams. The groups must be created in order of their appearance in the original array. Look at the sample case for clarification.

**Note:** The final output will be in lexicographic order.

### Example 1:

#### Input:

N = 5

words[] = {act,god,cat,dog,tac}

#### Output:

act cat tac

god dog

#### Explanation:

There are 2 groups of  
anagrams "god", "dog" make group 1.  
"act", "cat", "tac" make group 2.

### Example 2:

#### Input:

N = 3

words[] = {no,on,is}

#### Output:

is

no on

#### Explanation:

There are 2 groups of

anagrams "is" makes group 1.

"no", "on" make group 2.

**Your Task:**

The task is to complete the function **Anagrams()** that takes a list of strings as input and returns a list of groups such that each group consists of all the strings that are anagrams.

**Expected Time Complexity:**  $O(N * |S| * \log |S|)$ , where  $|S|$  is the length of the strings.

**Expected Auxiliary Space:**  $O(N * |S|)$ , where  $|S|$  is the length of the strings.

**Constraints:**

$1 \leq N \leq 100$

$1 \leq |S| \leq 10$