

# M03S02 [Pointers and Functions]: Exercise 06

CS110: Computing Lab  
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## M03S02E06: Anagram

**Anagram**– A word/phrase formed by rearranging the letters of another word/phrase. Write a program to test whether the given set of words/phrases form anagrams. Also output the anagrams from the given set of words/phrases.

### Input Format:

In the first line, number of words/phrases are given  
From the second line onwards, words/phrases are given

### Output Format:

In first line, display the number of Anagrams  
From second line onwards display the Anagrams

### Constraints:

Number of letters in a word/phrase would be at most 30.

**NOTE: Student must use pointer(s) and function(s) to solve this exercise**

Example 1:

### Input:

3  
rail  
liar  
raal

### Output:

2  
rail  
liar

Example 2:

**Input:**

2

villainousness

an evil soul's sin

**Output:**

2

villainousness

an evil soul's sin