

Prompt	Scratchpad	Our Solution(s)	Video Explanation	Run Code	Your Solutions	Run Code
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Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using System;
4 using System.Collections.Generic;
5
6 public class Program {
7     // O(w * n * log(n)) time | O(wn) space - where w is the number of words and n
8     public static List<List<string> > groupAnagrams(List<string> words) {
9         Dictionary<string,
10             List<string> > anagrams = new Dictionary<string, List<string> >();
11
12         foreach (string word in words) {
13             char[] charArray = word.ToCharArray();
14             Array.Sort(charArray);
15             string sortedWord = new String(charArray);
16
17             if (anagrams.ContainsKey(sortedWord)) {
18                 anagrams[sortedWord].Add(word);
19             } else {
20                 anagrams[sortedWord] = new List<string>(){
21                     word
22                 };
23             }
24         }
25
26         List<List<string> > output = new List<List<string> >();
27         foreach (KeyValuePair<string, List<string> > entry in anagrams) {
28             output.Add(entry.Value);
29         }
30         return output;
31     }
32 }
33
```

Solution 1Solution 2Solution 3

```
1 using System.Collections.Generic;
2
3 class Program {
4     public static List<List<string> > groupAnagrams(List<string> words) {
5         // Write your code here.
6         return null;
7     }
8 }
9
```

Custom OutputRaw OutputSubmit Code

Run or submit code when you're ready.