

Our Solution(s)		Run Code	Your Solutions			Run Code
Solution 1	Solution 2		Solution 1	Solution 2	Solution 3	
<pre>1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved. 2 3 using System; 4 using System.Linq; 5 using System.Collections.Generic; 6 7 public class Program { 8 // O(w * n * log(n) + n * w * log(w)) time O(wn) space - where w is the length of the longest word 9 // n is the length of the longest word 10 public static List<List<string> > groupAnagrams(List<string> words) { 11 if (words.Count == 0) return new List<List<string> >(); 12 13 List<string> sortedWords = new List<string>(); 14 foreach (string word in words) { 15 char[] charArray = word.ToCharArray(); 16 Array.Sort(charArray); 17 string sortedWord = new String(charArray); 18 sortedWords.Add(sortedWord); 19 } 20 21 List<int> indices = Enumerable.Range(0, words.Count).ToList(); 22 indices.Sort((a, b) => sortedWords[a].CompareTo(sortedWords[b])); 23 24 List<List<string> > result = new List<List<string> >(); 25 List<string> currentAnagramGroup = new List<string>(); 26 string currentAnagram = sortedWords[indices[0]]; 27 foreach (int index in indices) { 28 string word = words[index]; 29 string sortedWord = sortedWords[index]; 30 31 if (sortedWord.Equals(currentAnagram)) { 32 currentAnagramGroup.Add(word); 33 continue; 34 } 35 result.Add(currentAnagramGroup); 36 currentAnagramGroup = new List<string>(); 37 currentAnagram = sortedWords[indices[index]]; 38 } 39 result.Add(currentAnagramGroup); 40 return result; 41 } 42 }</pre>			<pre>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</pre>			

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1  #!/usr/bin/perl
2  #!/usr/bin/perl
3  #!/usr/bin/perl -w
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5  #!/usr/bin/perl -w
6  (my $) = 0;
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Run or submit code when you're ready.