**mGuidelines**

Write unit Tests!!

Review on **Thursday**

Its **NOT** group work

**Assessment**

1. Given an integer, return an integer that is reverse ordering the numbers

// 500 = 5

// -56 = -65

// -90 = -9

// 91 = 19

1. Write a method that accepts a string, and the program should capitalize the first letter of each word in the string then return the results string.

//e.g. hello there should be Hello There

// hi should be Hi

1. Write a program that accepts a string, and the program should capitalize the first letter of each word in the string then return the results string.

//eg hello there - Hello There

// hi – Hi

1. Write a C# program that prompts the user to enter a string and determines whether the entered string is a palindrome. A palindrome is a sequence of characters that reads the same forward and backward, ignoring case and non-alphanumeric characters. E.g. level
2. Given an array and chunk size divide the array into subarrays where each subarray is of length is the chunk size. E.g.

//[1,2,3,3,4,5,6,7],3) ===[ [ 1, 2, 3 ], [ 3, 4, 5 ], [ 6, 7 ] ]

//([1,2,3,5,6,7],1) ===[ [ 1 ], [ 2 ], [ 3 ], [ 5 ], [ 6 ], [ 7 ] ]

1. Write a C# program that prompts the user to enter a string and counts the number of vowels in the entered string. Vowels are the letters 'a', 'e', 'i', 'o', and 'u' (both uppercase and lowercase).
2. Write C# program that return the  most appearing character in a value  
   //Eg 11189 => '1'  
   //jonathan => n
3. I have added a ***Trainee.cs*** Class inside the ***TestingExamples App*** . Write unit Tests For that class(<https://github.com/Teach2Give-Dotnet-Training/C-Learning/blob/master/TestingExamples/Trainee.cs>)