1. Write a program in C# to create a function to calculate the sum of the individual digits of a given number.  
   Test Data :  
   Enter a number: 1234  
   Expected Output :  
   The sum of the digits of the number 1234 is : 10
2. Write a program in C# to create a function to calculate the result of raising an integer number to another.  
   Test Data :  
   Input Base number: 3  
   Input the Exponent : 2  
   Expected Output :  
   So, the number 3 ^ (to the power) 2 = 9
3. Write a program in C# to print the first n natural number using recursion.  
   Test Data *:*  
   *How many numbers to print : 10*  
   *Expected Output* :  
   1 2 3 4 5 6 7 8 9 10
4. Write a program in C# to print numbers from n to 1 using recursion.  
   Test Data *:*  
   *How many numbers to print : 10*  
   *Expected Output* :  
   10 9 8 7 6 5 4 3 2 1
5. Write a program in C# to Check whether a given String is Palindrome or not using recursion.  
   Test Data *:*  
   *Input a string : RADAR*  
   *Expected Output* :  
   The string is Palindrome.

Source and more exercises:

<https://www.w3resource.com/csharp-exercises/recursion/index.php>