1. Write a program in C# Sharp to find the sum of first n natural numbers using recursion.
2. Write a program in C# Sharp to check whether a number is prime or not, using recursion.
3. Write a program in C# Sharp to Check whether a given String is Palindrome or not using recursion.
4. Write a program in C# Sharp to generate all possible permutations of an array using recursion.

Test Data :Input the number of elements to store in the array [maximum 5 digits ] :3   
Input 3 number of elements in the array :   
element - 0 : 1   
element - 1 : 2   
element - 2 : 3 Expected Output :   
The Permutations with a combination of 3 digits are :   
123 132 213 231 321 312

1. Write a program in C# Sharp to convert a decimal number to binary using recursion.
2. Calculate the number of combinations of n different elements for m. The number of combinations is determined by the dependence

