

Recursive Algorithm Training

Write a method in C# to print first 50 natural numbers using recursion

input -

output 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27.....

Write a method in C# to check if a number is Palindrome

input 8998

output true

Write a method in C# to count consonants in a string

input "ebbe"

output 2

Write a method in C# to calculate the sum of numbers from 1 to n using recursion.

input 3

output 6

Write a method in C# to Print Fibonacci Series using recursion

input -

output 1, 1, 2, 3, 5, 8, 13, 21...

Write a method in C to count the digits of a given number using recursion.

input 12322

output 5

Write a method in C to find the sum of digits of a number using recursion.

input 621

output 9

Write a method in C# to get the largest element of an integer array using recursion.

input {1, 6, 9, 11, 7, 13, 4}

output 13

Write a method in C# to reverse a string using recursion.

input racecar!

output !racecar

Write a method in C# to find the Factorial of a number using recursion

input 4

output 24

Write a method in C# to convert a decimal number to binary using recursion.

input 17

output 10001

Write a method in C# to check a number is a prime number or not using recursion.

input 7

output true