**Question - 01:**

Calculate the Sum of first N Natural Numbers. You need to take a Input form the user and sum all the Values from 1 to N (user Input).

**Question - 02:**

The factorial of a positive number n is given by:

factorial of n (n!) = 1\*2\*3\*4....n  
The factorial of a negative number doesn't exist. And, the factorial of 0 is 1, 0! = 1

**Question - 03:**

Create a program that takes an integer from the user and calculates the number of digits. For example: If the user enters 2319, the output of the program will be 4.

**Question - 04:**

The Fibonacci sequence is a series where the next term is the sum of pervious two terms. The first two terms of the Fibonacci sequence is 0 followed by 1.

The Fibonacci sequence: 0, 1, 1, 2, 3, 5, 8, 13, 21

Create a program to generate a Fibonacci Series of N numbers.

**Question - 05:**

Create a program to Calculate the sum of All Integer until the User enters Zero.

**Question - 06:**

Create a program takes a positive integer from the user and displays all the positive factors of that number.

**Question - 07:**

Write a solution to tell the user whether a number is a palindrome. (A palindrome is a number that is the same written both forward and backward, such as 81318.)

**Question - 08:**

Reverse the digits of a number such that 1234 becomes 4321.

**Question - 09:**

Write a program in C to display the pattern like right angle triangle with a number. The pattern like :

1  
12  
123  
1234

**Question - 10:**

Write a program in C to display the n terms of square natural number and their sum. 1 4 9 16 ... n Terms

Test Data :

Input the number of terms : 5

*Expected Output* :

The square natural upto 5 terms are :1 4 9 16 25

The Sum of Square Natural Number upto 5 terms = 55