**Day-4 Assignments**

1. Develop a C program which adds all numbers from 1 to N, except those which are divisible by 5. Implement this using for loop and continue statement.
2. Develop a C program to find factorial of a number N using for loop.
3. Develop a C program to find sum of all odd numbers upto N using while loop.
4. Write a Program to find if a given number is Armstrong number.

Hint: (153 = 1^3 + 5^3 + 3^3)

1. Write a program to find whether given number is palindrome or not.
2. Write a program in C to find the prime numbers within a range of numbers.
3. Write a program in C to display the pattern like right angle triangle as shown pattern below.

1

12

123

1234

1. Write a C program to display the pattern like right angle triangle as shown pattern below.

1

22

333

4444

1. Write a C program to display the pattern like right angle triangle as shown pattern below.

1

2 3

4 5 6

7 8 9 10

1. Write a C program to display the first n terms of Fibonacci series.