# **Day 4**:

1. Write a program in C to generate first N Fibonacci numbers.
2. Write a program in C to generate first N non-Fibonacci numbers.
3. Write a program in C to find the sum of the following series:

S = 1 + 2 + 3 + 4 +-----upto N terms

S = 1 + ½ +1/3 + ¼ + ------upto N terms

S = -1 + 1/3! – 1/5! + 1/7! -------upto N terms

1. Write a program in C to calculate the sum of digits of a number.
2. Write a program in C to reverse a number.
3. Write a program in C to check whether a number is palindrome or not.