**Lab Assignment #7 – function 2**

**Topics function overloading, template, recursion**

1. Check Armstrong Number using function.

1. Write program to display Fibonacci series using recursion

1. Calculate the power of a number using recursion
2. Multiplication of two numbers using function overloading and demonstrate function overloading works with different numeric data types.
3. Write function template for multiplication of two numbers and demonstrate function templates works with different numeric data types.