# CL2001 – Data Structure Lab
## Lab 4 Task:

### Problem: 1 | Insertion in Linked list

Write a C++ program to insert values at the beginning, middle and at the end of a Single Linked List.

### Problem: 2 | Deletion in Linked list

Write a function to remove node at the beginning, middle and at the end of a Single Linked List.

### Problem: 3 | Summing and Averaging Elements in a List

Write a fuction that inserts 15 random integers from 0 to 100 in a linked list object.
The program should calculate the sum of the elements and the floating-point average of the elements.

### Problem: 4 | Concatenating Lists

Write a program that concatenates two linked list objects of integers. The program should include function concatenate, which takes references to both list objects as arguments and concatenates the second list to the first list.