

Ghulam Ishaq Khan Institute of Engineering Science and Technology
Faculty of Computer Science and Engineering

LAB 2
(Fall 2023 Semester)

Course: Datastructures and Algorithms
Course Code: CS221L

Max Marks: 10

Instructor Name: Mr. Usama Arshad

Task 1:

Implement a Singly Linked List with Add, Remove and Display Functions

Description:

Create a simple linked list with the following operations:

add(int data): Adds a node with the given data at the end of the linked list.

remove(int data): Removes the node with the given data from the linked list.

display(): Prints the content of the linked list.

Task 2:

Merge two Sorted Linked Lists

Description:

Given two sorted linked lists, merge them to form a single sorted linked list.