 **FACULTY OF COMPUTER SCIENCE AND ENGINEERING  
Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Topi**

**Lab Duration: 3 hrs. CS221L Data Structures Lab Marks: 10**

**Lab No: 3 Instructor: Kiran Dated: 10/26/2021**

**Task 1: (This task is mapped on CLO1)**

By using pointers and linked list concepts, write down a C++ program with structure name **node** having data members **float price**, **string product\_name**, and a **pointer to next node**. Program takes any number of grocery items prices using **void input(string item\_name, float price)**. Using **void print(node \*head)** to traverse (display) all items prices in the list. Push any number of elements and display them. Also add functionality for deleting the record at end by implementing **void delete\_node(string name).**

