

Data structures Lab

Exercise -2

Date:21/7/25

Linked list implementation

- 1) Write a function to insert an element into the linked list before a given specified node and after a given specified node
- 2) Create a data structure to store a list of items, where each item has the following information:
 - Item name
 - Item ID
 - Quantity
 - Unit price
 - Total cost

Write a C program to store the any given number of Items and perform the following operations on it.

- a) Compute the total cost and display it
- b) Sort the Items based on the total cost.