

CSE2011 DSA Lab Practice Question Singly Linked List

1- Write a program (preferably in C) to insert the element in singly linked list at the following location

a) At beginning consider the case where no elements are present in list and another where elements are already present in the list.

b) At given location (also include the cases for after given location and before given location.

c) at the end

d) Display the total inserted elements in list.

2- Write a program to calculate the total number of elements present in linked list

3- Write a program for the various cases of deletion:

a) delete the element at the end

b) delete the element at first position

c) delete the element at given position by user

4) Write a program where you have to insert the element in a singly linked list after one given item (consider each item appear only once in the list). Perform the deletion operation for the node which appears after the given item.