

Assignment 5

Topic: Programs on Single Linked List: Part-I

Date:

Write C programs for the following:

Sl. No.	Question	Page No.
1)	Write a program to create a linked list and traverse all elements.	
2)	Write a menu driven program to implement single linked list to perform the following operations: 1- Insertion at Beginning 2- Delete from Beginning 3- Display 4- Exit	
3)	Write separate user defined functions to perform the following operations on a single linked list: (i) Insertion at End (ii) Insertion after a specific value (iii) Insert before a specific value	
4)	Write separate user defined functions to perform the following operations on a single linked list: (i) Delete from End (ii) Delete after a specific value (iii) Delete a specific data value (iv) Delete a node before a value	
5)	Write a user defined function to count the number of nodes present in a single linked list.	
6)	Write separate user defined functions to perform the following operations on a single linked list: (i) Insert after ith node (ii) Delete ith node	