problem1

Write a program to demonstrate various singly linked list operations such as insertion, deletion and traversal. The program should be menu driven. The program should allow the user to insert, delete at the beginning, end, and at a specified position in the linked list.

problem2

Write a program to demonstrate various circular linked list operations such as insertion, deletion and traversal. The program should be menu driven. The program should allow the user to insert, delete at the beginning, end, and at a specified position in the linked list.

problem3

Write a program to sort the elements of a singly linked list in ascending and descending order.

problem4

Write a program to sort the elements of a circular linked list in ascending and descending order.

problem5

Write a program to search for an element in the singly linked list by specifying the position and the item.

problem6

Write a program to search for an element in the circular linked list by specifying the position and the item.