

Assignment Questions on Linked List, Doubly Linked List, Circular Linked List.

1. Add functions for search and sort in doubly linked list program provided and also convert the program to menu based.
2. Modify the program provided of circular linked list to add functions for insert and delete nodes from desired position for insert and delete first delete last and delete from desired position and also search and sort , take help from program provided for linked list.
3. Write a program that removes all nodes that have duplicate information.
4. Write a program to print the total number of occurrences of a given item in the linked list.
5. Write a program to multiply every element of the linked list with 10.
6. Write a program to merge two linked list.
7. Write a program to copy alternate elements from one linked list to another.
8. Write a program to reverse a linked list.
9. Write a program to add the values of the nodes of a linked list and then calculate the mean.
10. Write program to print minimum and maximum values in a linked list.
11. Write a program to swap the first and the last element of the linked list.
12. Write a program to store details of employees in a department. Read and print the information stored in the list.
13. Write a program to remove duplicate elements.
14. Write a program to split a linked list into two from a specified position.
15. Write a program to delete the k^{th} node from a linked list.
16. Write a program that creates a singly linked list and reverse the list by interchanging the links and not the data.