

## **Linked List Assignments**

### **Mandatory**

1. WAP to append the specified element to the end of a linked list.
2. WAP to iterate through all elements in a linked list.
3. WAP to iterate through all elements in a linked list starting at the specified position.
4. WAP to iterate a linked list in reverse order.
5. WAP to insert the specified element at the specified position in the linked list.
6. WAP to insert elements into the linked list at the first and last position.
7. WAP to insert the specified element at the front of a linked list.
8. WAP to insert the specified element at the end of a linked list.
9. WAP to insert some elements at the specified position into a linked list.
10. WAP to get the first and last occurrence of the specified elements in a linked list.
11. WAP to display the elements and their positions in a linked list.
12. WAP to remove a specified element from a linked list.
13. WAP to remove first and last element from a linked list.
14. WAP to remove all the elements from a linked list.
15. WAP of swap two elements in a linked list.
16. WAP to shuffle the elements in a linked list.
17. WAP to join two linked lists.
18. WAP to clone a linked list to another linked list.
19. WAP to remove and return the first element of a linked list.
20. WAP to retrieve but does not remove, the first element of a linked list.
21. WAP to retrieve but does not remove, the last element of a linked list.
22. WAP to check if a particular element exists in a linked list.
23. WAP to convert a linked list to array list.
24. WAP to compare two linked lists.
25. WAP to test a linked list is empty or not.
26. WAP to replace an element in a linked list.