**Basic Structure of a single Node**

typedef struct Node

{

    int data;

    struct Node \*prev, \*next;

} Node;

**Creation of a Single Node**

Node \*createNode(int data)

{

    Node \*newNode = (Node \*)malloc(sizeof(Node));

    newNode->data = data;

    newNode->prev = NULL;

    newNode->next = NULL;

    return newNode;

}

Doubly Linked List

**Function to insert at the beginning of the doubly LL**

Node \*insertAtBeginning(Node \*head, int data)

{

    Node \*newNode = createNode(data);

    if (head == NULL)

    {

        return newNode;

    }

    else

    {

        newNode->next = head;

        head->prev = newNode;

        head = newNode;

        return head;

    }

}

**Function to insert at the end of a doubly LL**

Node \*insertAtEnd(Node \*head, int data)

{

    Node \*newNode = createNode(data);

    if (head == NULL)

    {

        return newNode;

    }

    else

    {

        Node \*temp = head;

        while (temp->next != NULL)

        {

            temp = temp->next;

        }

        temp->next = newNode;

        return head;

    }

}