

LAB - 2

XOR linked list

```

void insertFront(node *head, int data)
{
    node *data
    node *new_node = new Node();
    new_node->data = data;
    new_node->npx = head;
    if (head != NULL)
        head->npx = XOR(new_node, (head->npx));
}

```

```

void insertBack(node *head, int data)
{
    node *new_data node *new_node = new node Node();
    new_node->data = data;
    new_node node *curr = head;
    node *prev = NULL;
    node *next;
    while (curr != NULL)
    {
        next = XOR(prev, curr->npx);
        prev = curr;
        curr = next;
    }
    new_node->npx = prev;
    prev->npx = XOR(new_node, prev->next);
}

```