1BM18CS002
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1. Create XOR Linked list
Add new node at front and from back

```
void insert_front(Node head, int data)
{
    Node new_node = new Node();
    new_node->data = data;
    new_node->nxt_prev = head;
    if(head != NULL)
    {
        head->nxt_prev = XOR(new_node, head->nxt_prev);
    }
    head = new_node;
}
void insert_end(Node head, int data)
{
    Node new_nod = new Node();
    new_node->data = data
    Node p = head;
    while(p->next_prev != NULL)
    {
        p = p->next_prev;
    }
    p->next = XOR(p
    p->nxt_prev = XOR(p->nxt_prev, new_node);
    new_node->nxt_prev = NULL;
}
```

```
void insert_end(Node head, int data)
{
    Node p;
    Node new_node = new Node;
    new_node -> data = data;
    Node curr = head;
    Node prev = NULL;
    while (curr != NULL)
    {
        nxt_prev = XOR(prev, curr -> nxt_prev);
        prev = curr;
        curr = p;
    }
    curr -> nxt_prev = XOR(curr -> nxt_prev, new_node);
    new_node -> nxt_prev = NULL;
}
```