Doubly linked list

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```
#include <bits/stdc++.h>
#include <inttypes.h>
void insertBeg(Node **head, int data)
{
Node *new_node = new Node();
new_node->data = data;
new_node->npx = *head;
if (*head != NULL)(*head)->npx = XOR(new_node,
   (*head)->npx;
    *head = new_node;
}
void insertEnd(Node **head, int data){
Node *new_node = new Node();
new_node->data = data;
if(*head == NULL){
new_node->nxp = *head;
*head = new_node;
}
else{
    Node *Curr = *head;
    Node *prev = NULL;
    Node *next;
while (XOR(prev, curr->npx) != NULL){
  next = XOR(prev, curr->npx);
  prev = curr;
  curr = next;
}
  new_node->npx = curr;
  curr->npx = XOR(prev, new_node);
}
}
```