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IBM18CS075.
Batch 4

```
typedef struct node
{
    int data;
    struct node* nptr;
} node;
node *head;
node XOR (node *a, node *b)
{
    return (node (a ^ b)
}
void insert_at_beg (int data).
{
    temp -> data = data;
    temp -> nptr = head;
    if (head != NULL)
    {
        head -> nptr = XOR (temp, head -> nptr);
    }
        head = temp;
}

void insert_at_end (int data)
{
    node * temp
    node* curr = head; *prev = NULL, *next;
    while (curr != NULL)
    {
        next = xor (prev, curr -> nptr);
        prev = curr
        curr = next;
    }
    temp -> nptr = prev;
    prev -> nptr = xor (prev -> nptr, temp);
},
```