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## ADS - LAB - B1

### Program ①

Insertion at beginning of XOR linked list .

Create new node .

Assign data to new node .

```
[ newnode → mptr = head;  
  head → mptr = XOR( newnode, head → mptr );  
  head = newnode;
```

return

Insertion at the end of XOR linked list

Create new node .

Assign data to new node .

Traverse to the end of linked list .

while ( cur != Null )

next = XOR( prev, cur → mptr )

After reaching ,

```
[ newnode → mptr = XOR( null, cur →  
  cur → mptr = XOR( newnode, cur → mptr )
```

*Nimil*