Advanced Data Structure

Batch — 5.

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Program — 1

Insertion at beginning of XOR list.

Create new node
assign data to new node.
new node $\rightarrow$ npx = head;
head $\rightarrow$ npx = XOR (new node, head $\rightarrow$ npx);
head = new node.

Insertion at the end of XOR linked list.

Create new node
Assign data to new node.
Traverse to the end of linked list
    while (curr! = Null).
        next = XOR (prev, curr $\rightarrow$ npx)

After reaching

new node $\rightarrow$ npx
curr $\rightarrow$ npx = XOR(new node, curr $\rightarrow$ npx).