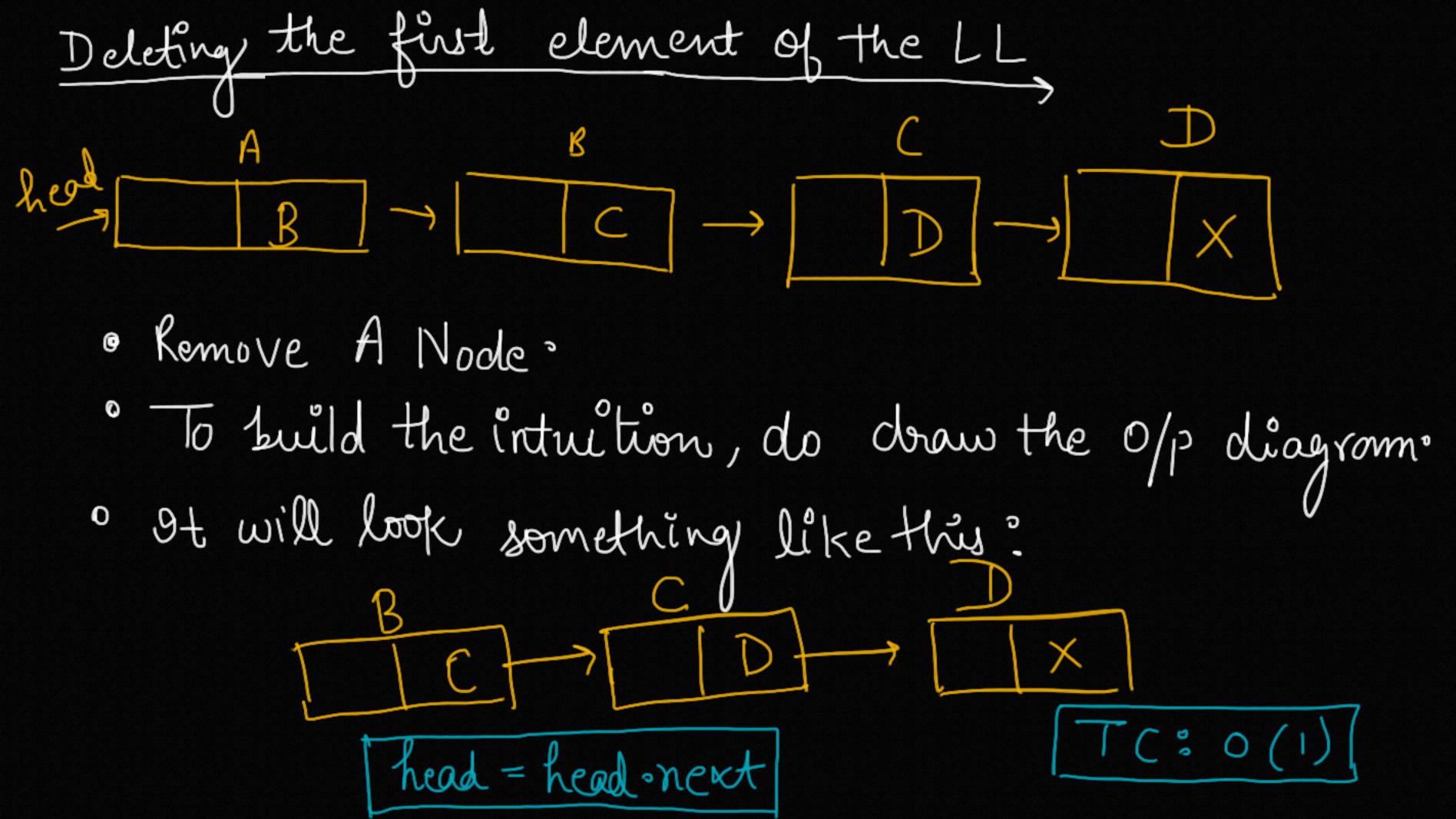
Day-6

Enklaining linked list basics.

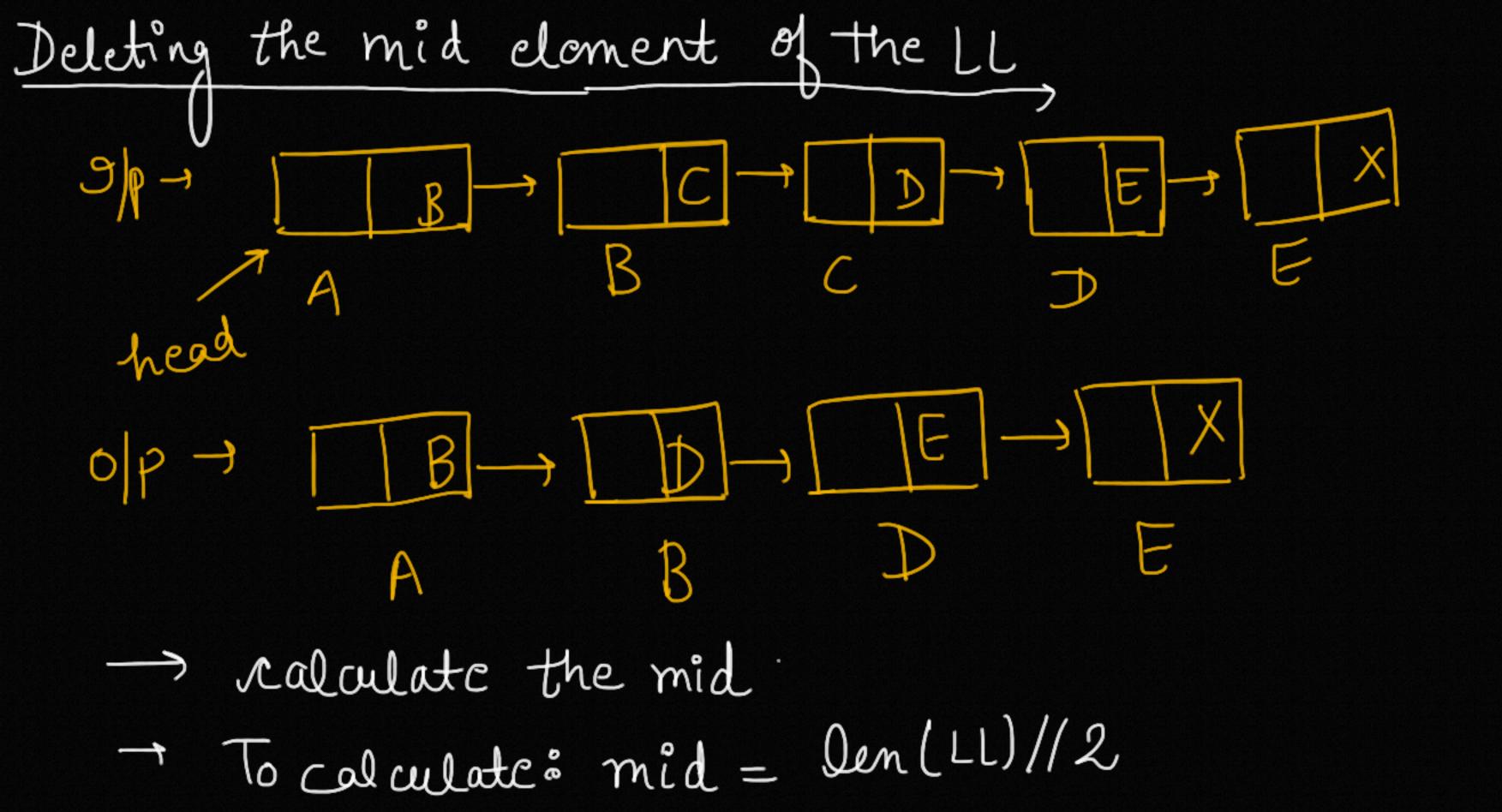
Post - 2

## Performing bosic operations on the linked lists;

- -> Insert an element
- → Delete an element (will be covered into day)'s slide).
- Search an element
- -> Count/Traverse the Linkedlist PS: W.91.t Singly Linked List



Dolding the last element from Ll -> Towerse the LL and sreach to the point where temponext. next = None LTo understand the traversing part; please refer to my last post] TC: O(IV) if temp. next. next == xlone: temp, next = None



To calculate the length of LL, please refer last post.

once the len of the LL is calculated, then traverse in the LL until the temp reach to the mid pos-1 Juposition of temp == mid-1: temp. next = temp. next. next

TC ° 0(N)

Key points. → Do think about the edge cases. Think of it as a homework. - J have left some edge cares on purpose. Try to think: what if the II has only head node and no other nodes, or what if the LL has Only 2 nodus.

I not clean, feel free to ask.

Thank You (i)

For queries, feel free to comment of dm.

Hoppy Coding!