Removing Nodes :

→ start

→ end

→ Middle

Delete at the beginning :

① First, check whether Linked List is empty or not

if empty : (head → None)

Print ("Linked List is empty, element can't be deleted")

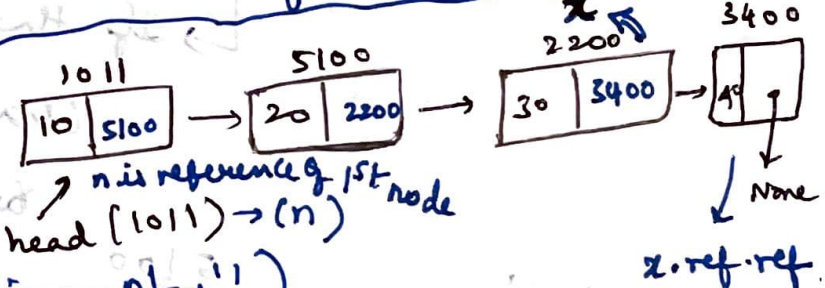
else :

delete the first node

(Point head to 2nd node of linked list)

---

delete at the end :



If empty :

Print ("L.L is empty")

not empty :

Goto 2nd last node

change ref to None

Note :

x.data = 30

x.ref = 3400

x.ref.ref = None

x.ref.data = 40

Last Node

② delete Any node by value in Linked List

① when need to check if Linked List is empty or not

Linked List → empty

Print msg.

is not empty → then perform deletion

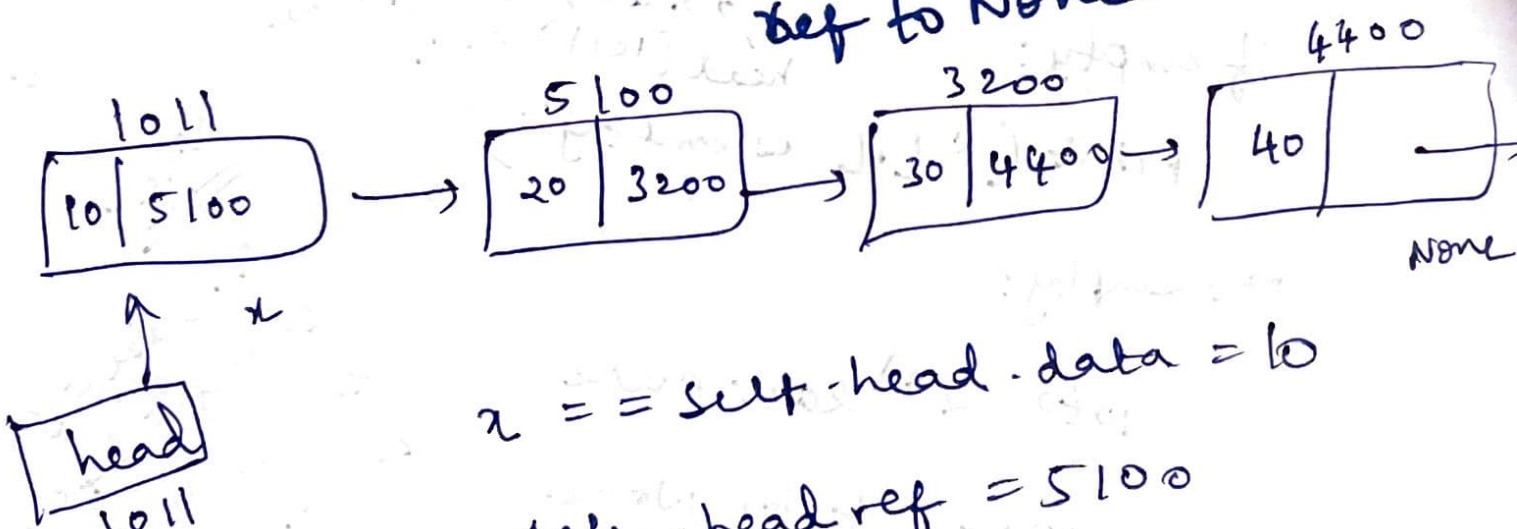
(i) Check given (x) node → first node or not to delete

↳ If that is the case, then point

head → 2nd node

(ii) if it is not first node → Goto previous node of the given_node to delete

↳ If that is the case, then change the prev. node def to None



x == self.head.data = 10

self.head ref = 5100