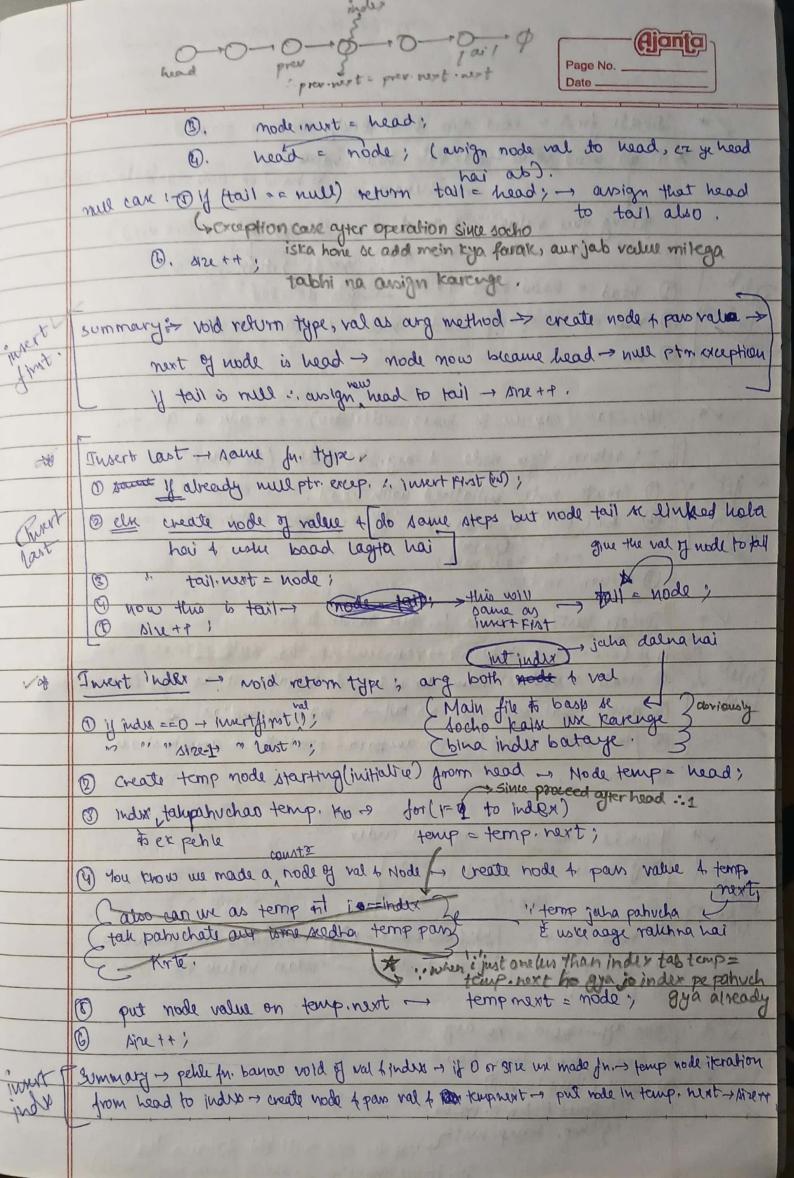
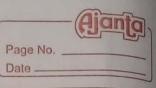
Get the why of every steps -> concept clear + not remembering -inked List (complete implementation in 3 pages); just fre. Dynamically allocated, different from arrayust (doubles when full after copying earlier) Don't have indices, they are pointed via veg. variables Basic Jeclaretion: - (DONE) public class LL f class Node ? Mode ment: int 'hal , public Node (lut val, Node nixt) } this val = val , coust of both helps it felling about which obj. calls for it. in rebui traus this next = next : country of val only reason public LL (72 -> mitialize size with D. used in Susert first In; Lafter this Leclare Agine Node wad tail 4 jut size as private Insert first, Insert last, Insert index Delete " Dilete Delete Dioplay easy + Juich. That first - void return type - ang, value only 100 public void Iwertfirst (int val) Mode node : new Node (vell); -> create note & value pants Now think you're inserting at start to petile (steerting main) head to uske auge hi hoga now phir uske bad awign her dung to waha be diclare une head as!





* Delete first: wild type 4 obviously no arg. paned. * O get head value - int val= head. value, variablename & band on Node clandata member getting the value just to show which one deleted (no need) in needs return type int 1). head = head next + * * yets deleted 1 nul ptr excep, if head == null : tail - null 3 A/28 --Use case (can use in jusert judex too) - make a get fu. - return type node 4 arg. Int index (411 where) O Create node initialized with head. (2) for (E= 0 to index) " [since node is item of LL (can't understand) mode = node next; 3 return node. Dolate last - same for type as delete flost. of (six <= 1 -> return) remember this well ptrenuphon !! 1 create record last moon lea node and initially it as get (size-2); 3 assign that second last as tail - tail = second last w 19 tail next = null -> perampara + pratiotha + anushashan D sine -- ; Delete index - arg: Int index Of Induse 0 - delete flost 17; Dolete m " " (A)2-1) - m last " 1dx 1 wale prev = get (more index - 1); - waha pe pahucho 3 previount = previount next - voluce of 9 A122 -- 7 Diopland , no only 1) create temp from head 2 while (temp! = null) { Sout (temp. value + " > "); ytemp= temp. nest > : at the end mull bhi dithana tha

Whi to we would've use while (kup. next!= mill)