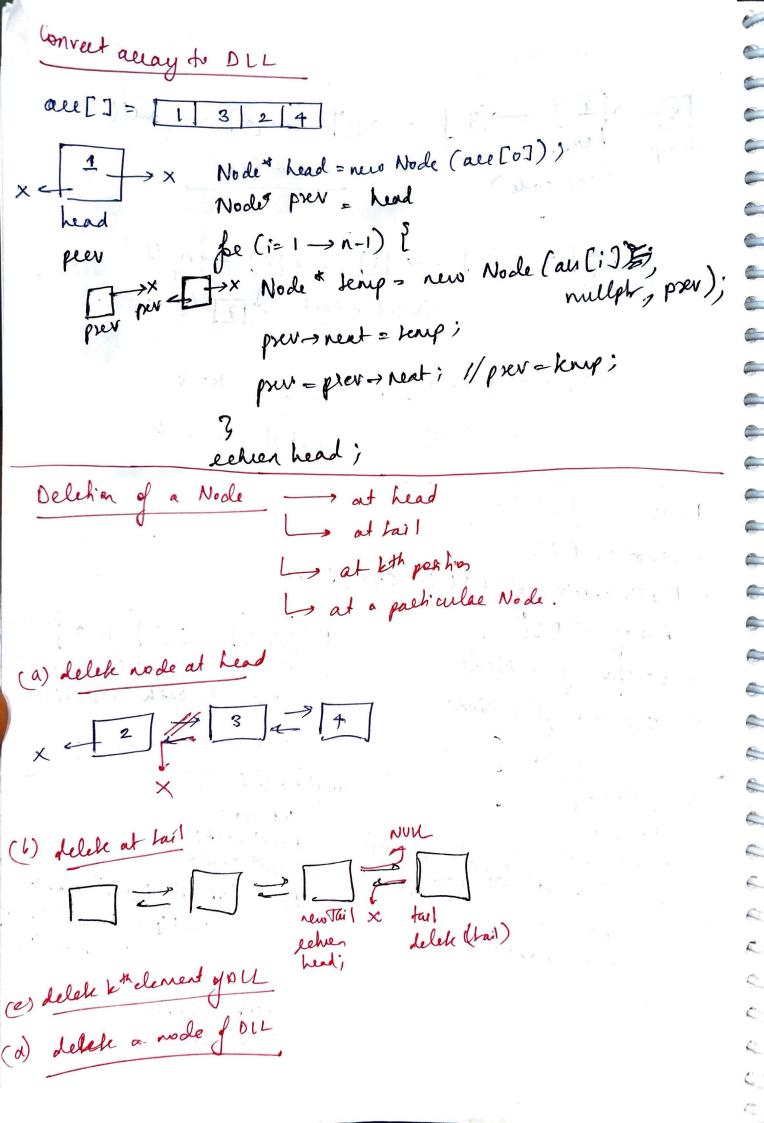
Doubly linked list - what is DLL - Representation of DLL in C++ /Java - Array -) DLL - Deletion of a Nocle more in both dirichious Insection of a Node Doubly LL Code SingleLL Code struct Nocle & smuct Node E mt dala Node (int val, Per next) ? int data; Node * neat; No dit back; Nocle (Int val, Node * nexts nullph, Noder backs dala=val; next = heats; = nullpho & dalasval; next = next) back = backed;



Insection of a Node > before Head La before tal Is before a hith mode 4 before a particular node value. 1) In first howeveral, push the nodes into stack 2) Again, is second haveral, now take the lop elevered of the shot - pop - seplece in the node. Shede Cint > Node * temp= head; while (femp!= NULL) { st-push (temp - data); step 1 0(N) temps leng - next; \$ Jemp = head 8kp2 0(N) relie (houp 1 = NULL) & Junp - dala = 8t. top (); // taken the top element & obsed it is ten SI. pop () - popped temp = temp-next; that element from the stacks TC: 0(2N) SC: O(N) -> N sized esternal shock is used.

3

