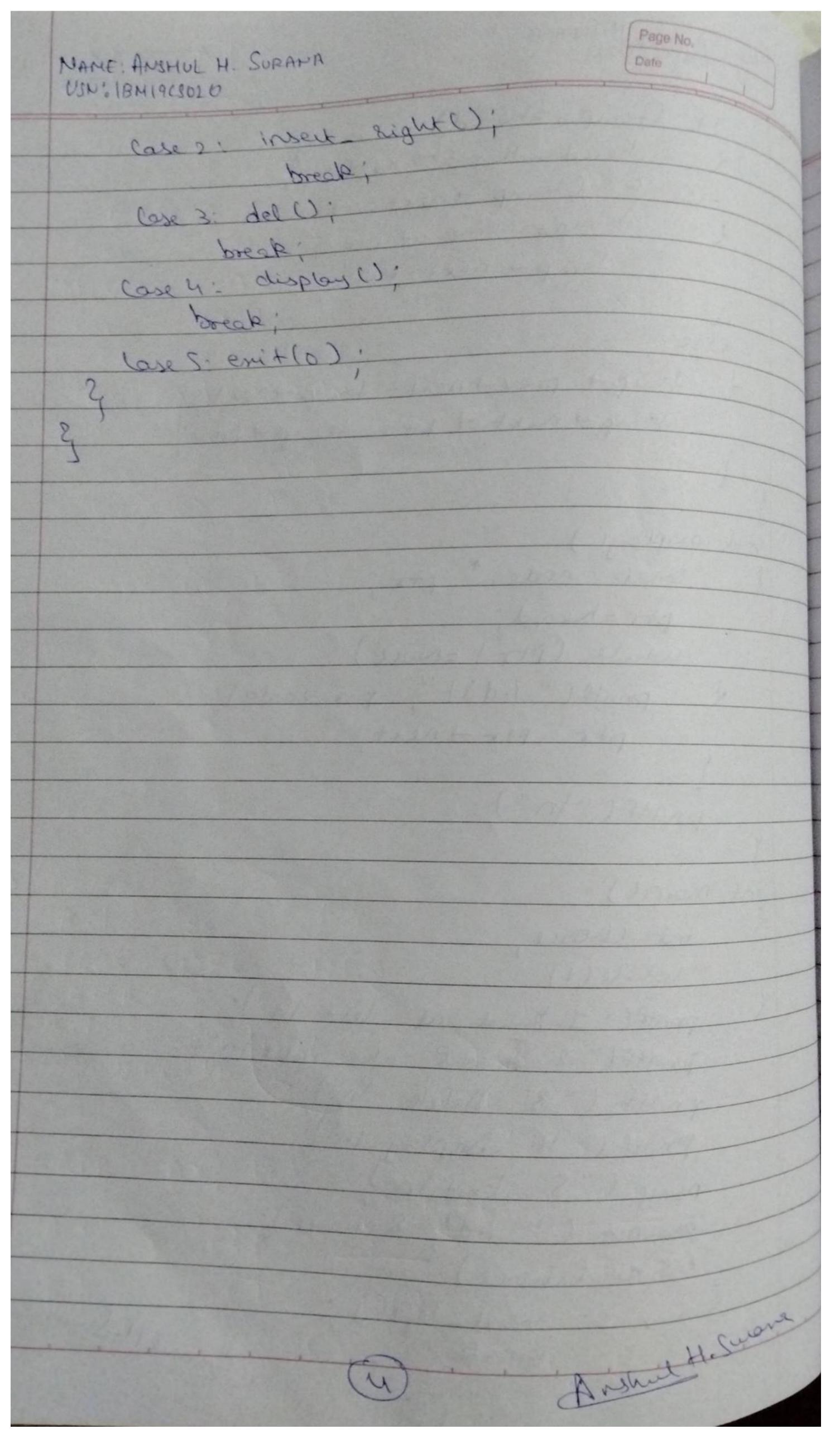
Page No NAME ANGHOL H. SURANA OM: 1BM1dCC050 was Implement doubly link list with pointive operations a) Create a doubly link list. b) Insert a new rode to the left of the node. c) Delete the rade besed on a specific value d) Bisplay the contents of the list. + include < stdio.h> # include < stdlib-h> Street node int data; Street rode * rext; Street rode * prev; short rade * head = NULL. void insert left() Street rode * rew node; new node = (Street rade) mallac (Size at (Street rade) porte (" Enter the Hem In"). Siant (" 'I.d" & new node - Adata) new nate -> next = NULL. von voge + been = norr. if (head = = NULL head = new rode! 3 else new-rode + next=head; head - prev = new node Arshul H. Sueana

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Page No. NAME: ANHUL H. SUPANA USN: IBMIGES 020 smet node * new node, * temp; boid insert right New node = (8trick node*) mallac (biseof(8trick)) printf(" Enter the item In"). Stanft " 1.d", 8 now-node -> data). new-rode - next = NULL. how node I prev = null; if (head = = NULL) d head = new_node; else temp-head; while (temp + next!= null) temp= temp - rext; temp -> next = new_node; new-rode -> prev= temp; void del strict rada temp! int ele; if Chead == NULL printe (" Empty List In"); return; printfl" Enter the element to be deleted in"! scont (".1.d", & ele). temp-hood; ele (temp + data) ele temp= temp -traxt! f Ctemp=-NULLI prints ("Element is not in list) Anstruct He Salar preak

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NAME : ANSHUL H. SURANA USN : IBMIGCS 020 Paga No Ctemp==head) head = head - next. else it (temp + next = NULL) Jemp= temp - 1 bien; Jemby vox+= MASS. esse tout tent tout - tout - vort. Jemp-1 next - 1 men = temp-1 prev; roid displaye smut rade * ptx ptr=head; (DIVIZIAN) shirter Divte (" 1.91+ " Die -19010). byc = byk - wext. boutte (, /u ..). int main () int Choice; (1) elister printfl' I dusent at left /n"); printfl" 2. Insect at right In"). print (3. Delete hi'); print (" 4. Bisplay In"); Doints (" 2. Exit /u"). Scant ("1.1.d" & choice). Switch (choice) Drohul H. Surana Case I : insent left();



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