Page) 9/1/2024 WEEK-\$ 5 Single linked list deletion and Display # include < stdio h > # include < stdlib.h > strut Node {

int Sata;

struct Node * ment;

3; frent ("NULL \n"); struct Node * insest At Eront (struct Node * lead; ent data) E struct bode * newbode = (struct bode*)

mallor (size of (struct of Node));

new Node -> data = data;

new Node -> nent = head;

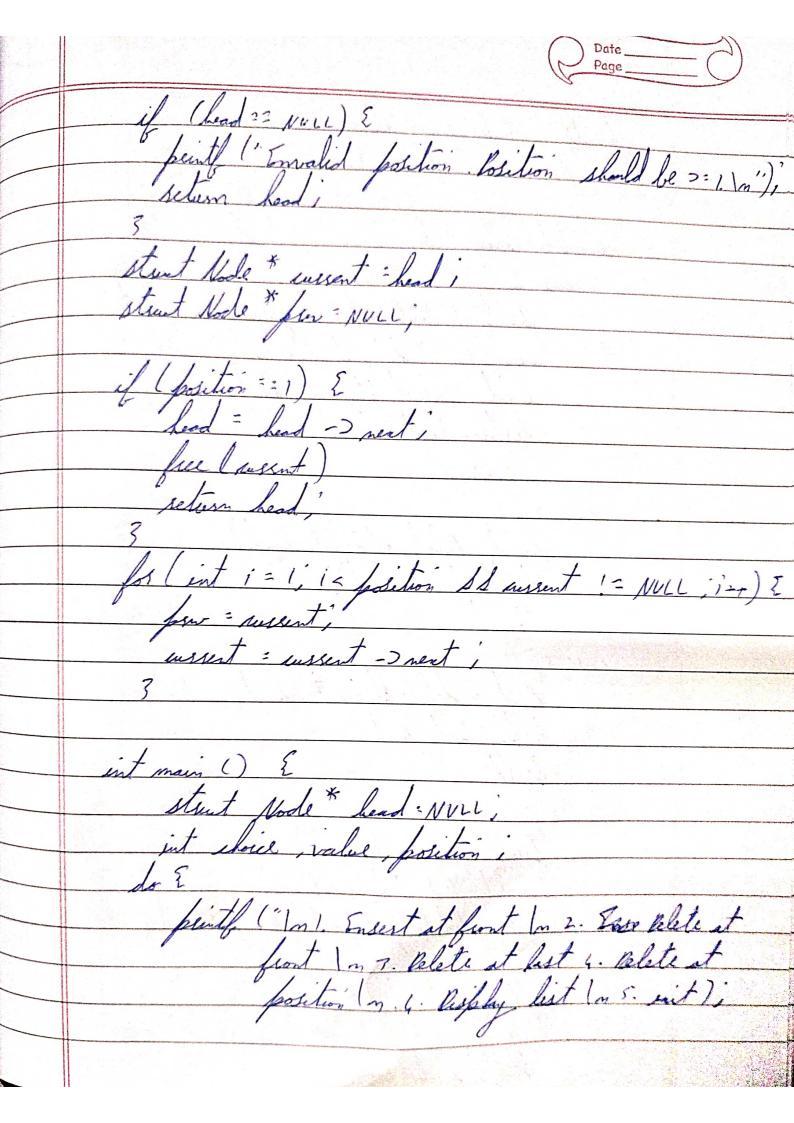
seturn new Node; struct block * SeleteAt Event (struct block * lead) {

if (head = = NUCL) {

flintf ("List is empty farmot delete \lambda");

seturn head;

Struct Node * temp = head; Lead = head -> next; stant Node * deletestlast (stant Node * head) { if (had == NVIL) } frint (" list is enfty lomot delete \m");
setum head; if (led = next == NULL) { free (head); strut Hode * prev = NULL; while (wesent = sussent -) ment); free (ensent); free -> nest : NULL; stunt flode * deleteAt losition (struct blode * lead



prints ("Fater your choice"); switch (shows) & pently ("Entervalue to uset in front."), (2 / 1 ") Lyalue); lead = niest Affront (head); lisplay list (head); head = Delete St Eront (feed); isply list (head); led : delete Ht Eront (head); ceplay let (head) fruit ("Enter polition");
Sent ("I.d. & polition");
head = deletebypolition (head, polition deflag List (had fittel "embed shorie");

3 while (choice != 1); struct Node * sussent : head; while (usent 15=NULL) & street Node & Temp : ussent; suggest : westert - I next; free (temp); Single linked list deletion and & display :-2. Delete at Elont 7. Celete at last 5. Pelette the position Enter your choice: 7
Enter the value to insert at front: 87 Enter your shoise: 7

Enter the value to insert at front: 93 Enter the value to insert at front: 27 27->97->87-> NULL Enter your choice: 2 93-587-> NULL Enter your whome : 3 Enter your choice: 4
Enter the position to delete: 7.
NULL.