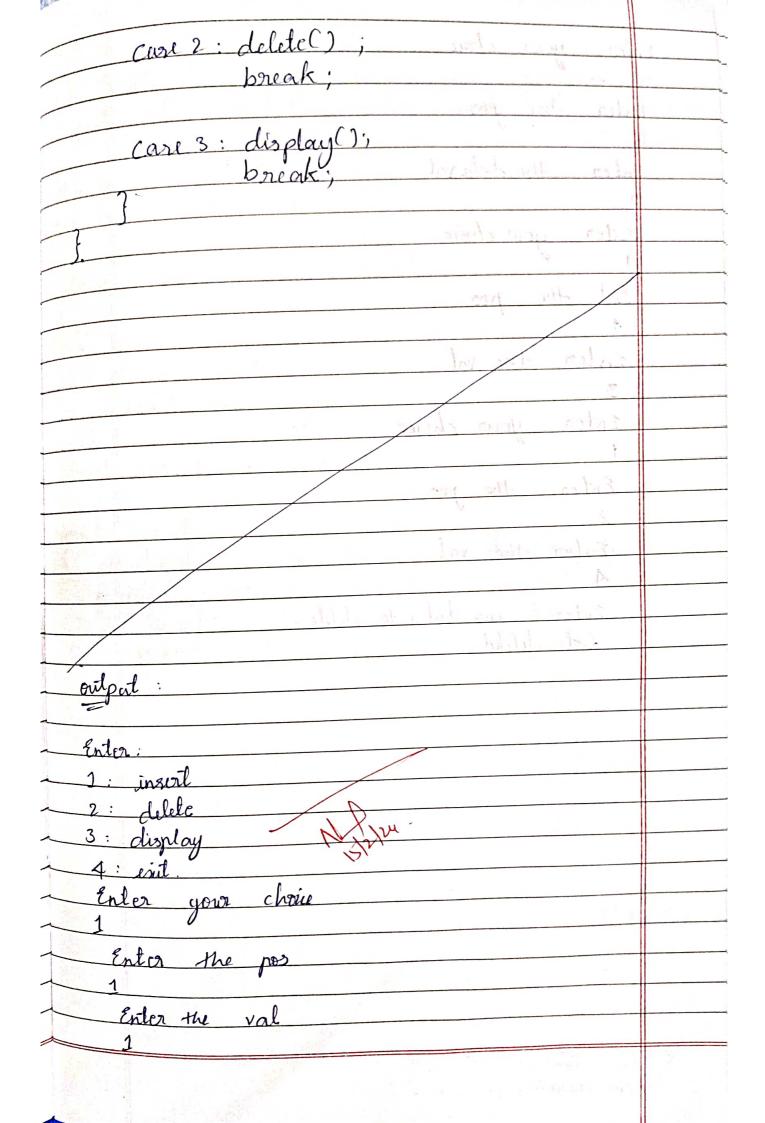
7	LAB7, 1/02/24
-	#include <stdjo.h></stdjo.h>
	+ include (olype h)
-	
	struct node
	int vali
	struit node + prev;
	Struct node + next;
	\mathcal{L}_{j}
	struit note * head = NULL;
	void insert_left().
	{
	int pos;
	struct node * ptr 1 = head;
1	porint ("Enter the position (n");
	scar ("1.d" snos);
	struct node * new_node = (struct node *) mall
~	(sized (struct node));
	prints ("Enter the value to be invaled)
	scarf ("y.d.", snew node -> val);
	if (head = = NULL)
-	
<u>_</u>	new-> pover = NULL.
	new-next = NOIL;
_+	head = new;
_+	3. pourté ("Node inserted In");
	else
_+	SON (i = D', i = pas -1; i++)
	ptr = ptr -> rent; new -> prev = ptr -> prev;
	new -> prev = ptr -> prev;
	// Date: Page: /
	Lod and Balma Gold
Le M	

```
ptr -> prev -> neat = new;
 ptr -> prev = new;
 printy (" Node inserted \n");
void delete()
     int val;
     pointy (" Enles the value:");
     scan/ ("1.d", sval);
     struct node & ptr = head;
     if ( head -> data = = val )
            head = ptr -> nent;
            force (ptr);
            prints ("Node deleted In");
        volide (ptr -> data! = val)
              ptr = ptr -> nent;
             rif (ptr -> next = = NIULL)
               plr -> prev -> ront = NULL;
-> rec. (plr);
                  por int (" Node deleted \n");
                 joretunn;
```

	and the same of th
plr -> prev -> next = plr -> next plr -> next -> prev = plr -> prev; Irce (plr);	-
ptr -> next -> pros = ptr -> pres;	-
frice (plr);	
printy ("Node deleted \n");	
1907	
void display()	· I cha
stant I in the standard	
obruel node « p=head;	1 - 1
f (p! - NOLL)	
paint (" 11)" +> 11)	
print ("/d >", p > dala);	1.11
3 1 1000	
prints("NOLLIn");	
1 Charles of the state of the s	h l
The state of the s	
(boid main()	
int ch;	-
prints (" Enter 1. Insert In 2. Deleto In 3	Q 5 h
prints (" Enter 1. Insert \n 2. Delete\n 3. 4: Enit\n");	e speg
white (ch! = 4)	
The wall habite of a little	
printy (Ther choice:");	
print (" Enter choice:"); Scent (" 1:d", Sch); Switch (ch)	
Switch(th)	
Case 1 : - 1 1100	
Case 1: insert lift(); brunk:	
priork:	
(Date: Pago:	
Bafna Gold	



Enter your choice that he had
2
Enter the pos
 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Enter the data val.
Enter your choise
Ent the pos
Enter the val
Enter your choice
1
Enler the pos.
Enter the val
Enter pre dal a to delde. Ent. delibe