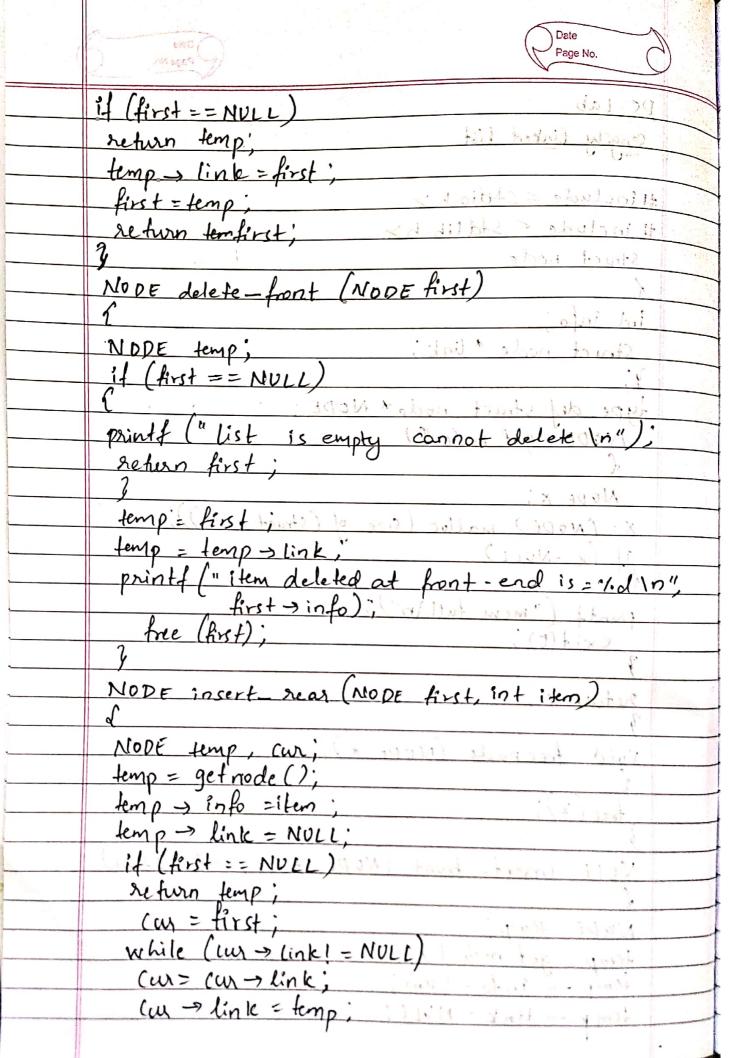
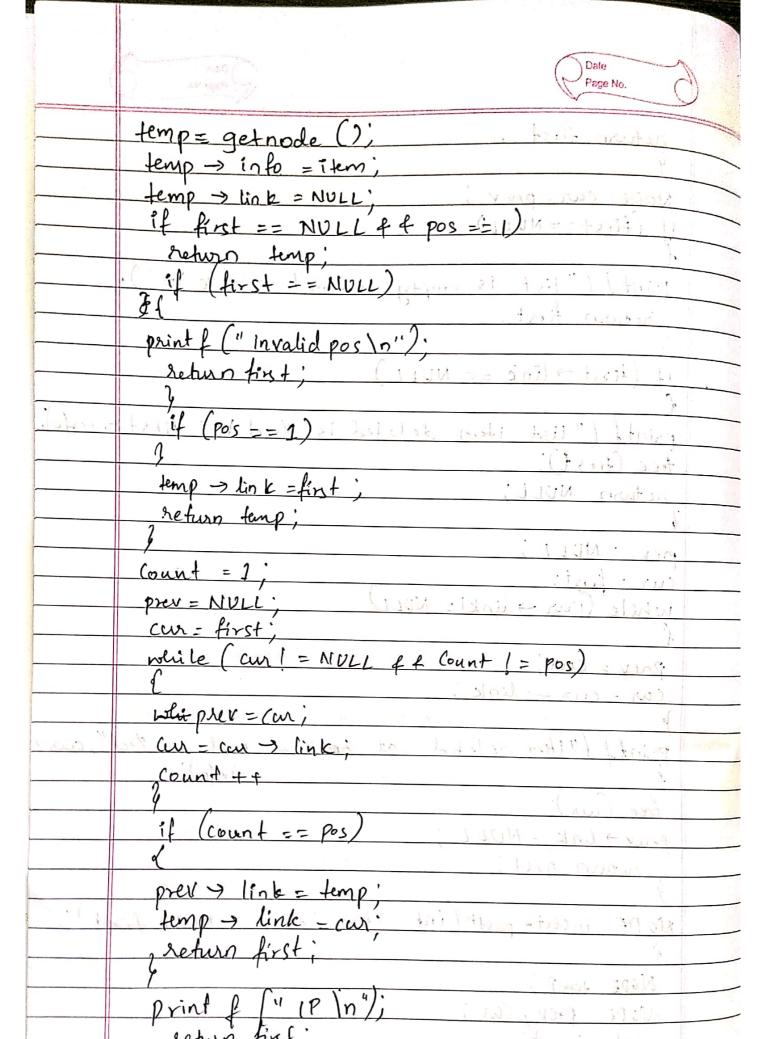


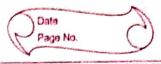
	Taga No.
	Ds-Lab
	Sengily linked list
	trop a livit : first
	#include < Stilo.h>
	# include < stdlib. h>
	Struct node
	Nepr Lote to front (Nove tint)
	int info;
	Street node * link; ignor 10011
	y; (11011 == tent) ti
	type def struct node * NODE;
	NODE get node ()
	School First
	MODE X;
	X = (NODE) malloc (size of (struct noole));
	if (x==NULL)
(My a si boar find he hat all the most " I finding
	printf ("mem full \n"); (don't had
	exit(0);
	3
	return xi; toi me agass) sove troop agoss
	4
	void free node (NODE x)
	() short hope = years!
	free (x);
	1 Link on the link on MULL!
	NODE insert-front (NODE first, int item)
	C Lord Warter Company
	NODE temp;
	temp = get node ();
	temp -> into = tem;
	temp -> link = NULL;
-	





```
return first !
MODE CUR, prev
if (first == NULL)
 Print f (" list is empty cannot bdelete in")
 return first;
if (first -> link == NULL
printf ("list item deleted is 10 d In", first sinfo)
free (first);
return NULL;
prev = NULL;
cur = first;
while (cur - link! = NULU)
Prev = curi; = 1 + NND & 1 131M =
car = cur -> link
printf ("item deleted at so rear end is tod", aux)
perev - link = NULL;
return first;
NODE insert= postr (int item, int pos, NODE first).
 NODE temp;
 MODE prev, car;
  int count;
```

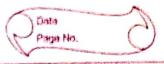




NODE delete-pos (int pos, NODE first) void display (NODE first NODE temp; printf (" ofd in", temp -sinto);



	Date Page No.
	2
	y (trust gave or of this see stated pools
	NODE Concat (NODE first, NODE second)
	1 Comment of the second of the
	NODE cur; (promo fei)
	if (first = NULL)
	return second;
	if (second = = NULL) 1 + and - grot 3001
	seturn Brst!
	Cur = first;
	while (au) link = NULL) = and
	(grow):
	voi d main ()
1	it int item, choice, pos, i,n; vou idola
-	Nove a, b; INM = I ginst : 1 = 1 to:
_	NODE first = MULL;
	10 1047 = 70 100
	print / [" a said a grait a grait
()	print f (" 1. insert-front \n2 delete-front \n3 insert
	- real 174 deep 2001 Internal of in
	delete at pos Int. concert Ing. reverse In 9. order
	print f (" Enter the choice in");
	scanf (a" rid", & choice)
	switch (choice)
	case 1: printf (" enter the item at front-end (n")
.)\	
	first = insert font (first, item);
\parallel	break,
	wint () find to it is a second
	The state of the s



```
case 2: first = delete-front (first);
  break '
 case 3; printf ("enter the item at rear end 10")
  Scanf (" 1.d", & item);
  first = insert - rear (first, item);
   Case 4: first = delete _ rear (first)
   break
   case 5: printf ("Enter item (n");
   printf (" enter the post") n"),
Scanf (" 1.d", & pos).
     printf (" Enter post" of deletion \n");
Scanf (" ".d" of post,
                "Enter the no. of nodes in 1 \in");
("'1.d" of n);
          print f ("Enter the item \n");
Scanf ("'1.d" 4 item);
ab=insert-rear (b, item);
              = concat (a,b);
            display (a);
```

