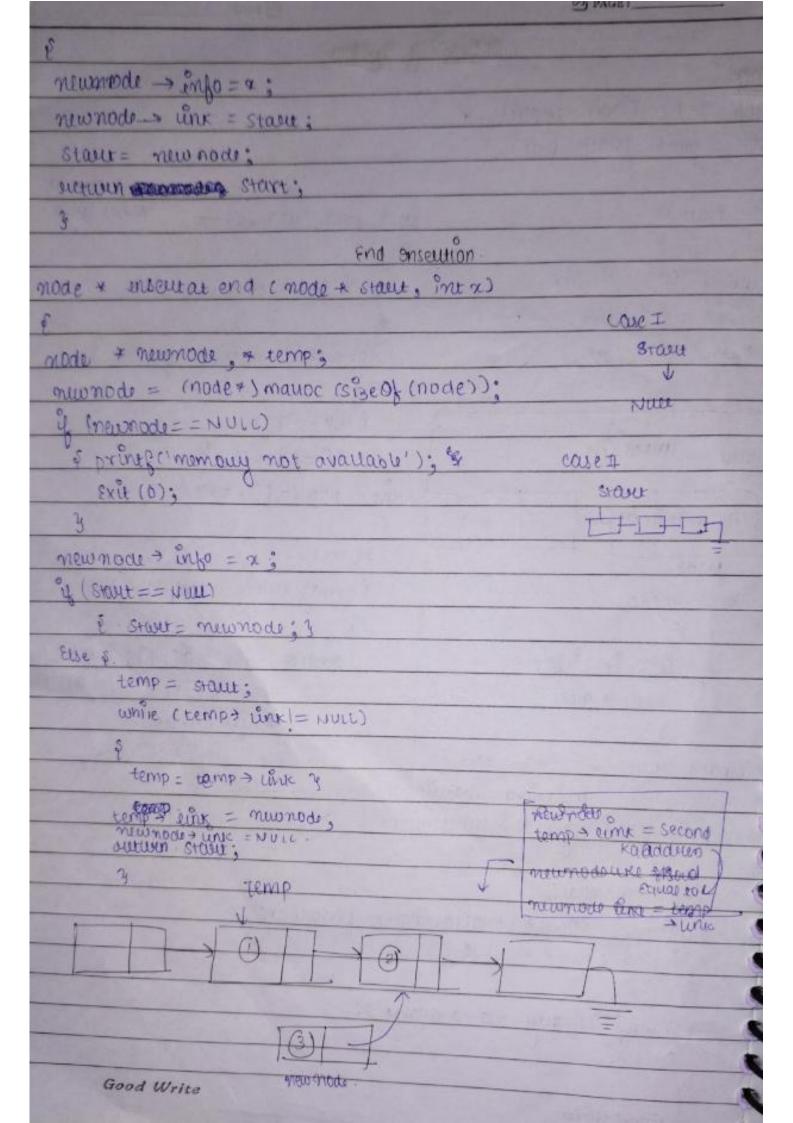
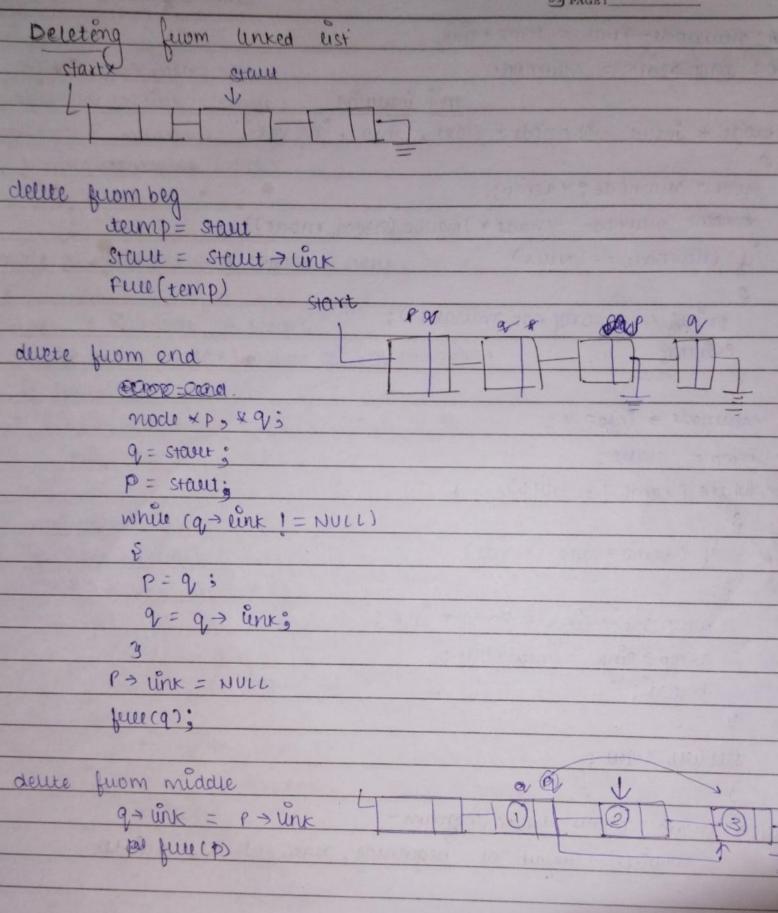
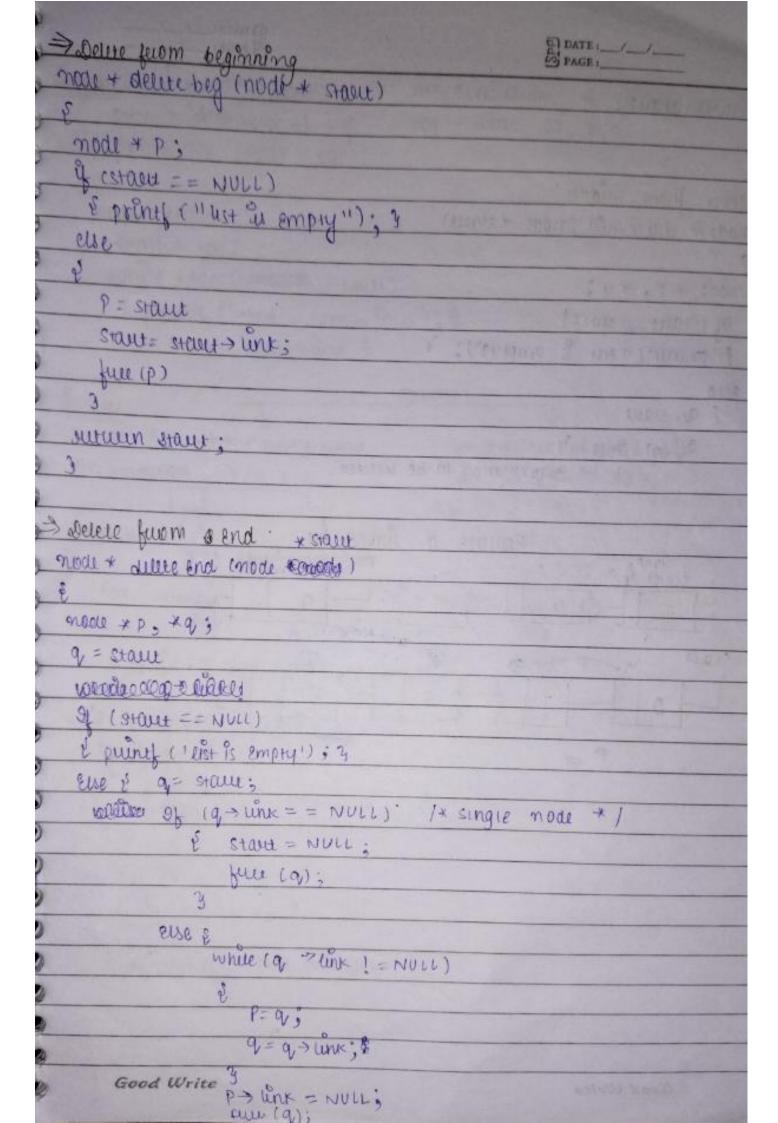
7	ADPMOD	and the state of t				
-	Stack	0 0				
-	top = -1 [Stack empty].	A STATE OF THE RESIDENCE OF				
	top = m-1 (stack face).	THE PROPERTY OF THE PARTY.				
30		T> Element you want to				
35	poid main ()	uoid puin (att jastop) miette puin.				
2	\$	E 13				
5	une a (50); 1/ Mack	if (top = = m-1)				
0	puwica, 5, stop);	E.				
0	pun (9,6, top);	former (" stack overflow"); 3-				
0	Else					
5		f top = top+1				
0	statur unked un.	actop) = x 3.				
0		ine pop (a(1, top)				
-	(Information) next	Ş				
6	Node	96 (top = = -1)				
0	sique mode	Epronety i istack underflow!) 9.				
	ę	Elly				
	Acept int into	l'antitue temp : a [top]; 1 temp				
	node * next;	top= 40p-1; = a(top				
0	3	TETUTO LEMP;				
0	mode + stave , * m1, * m2, * m3	3				
0	beginning ensertion					
•	node + Inser beginde + stare, int a)					
2						
0	mae * new-mode;					
-0	newmode = (node *) malloc (size of (node));					
000000	of (new node = NULL)					
0						
2	print ('memary not available');					
-	2 (0);					
19	3					
19	Good Write	SHALL SHAD SHAD				

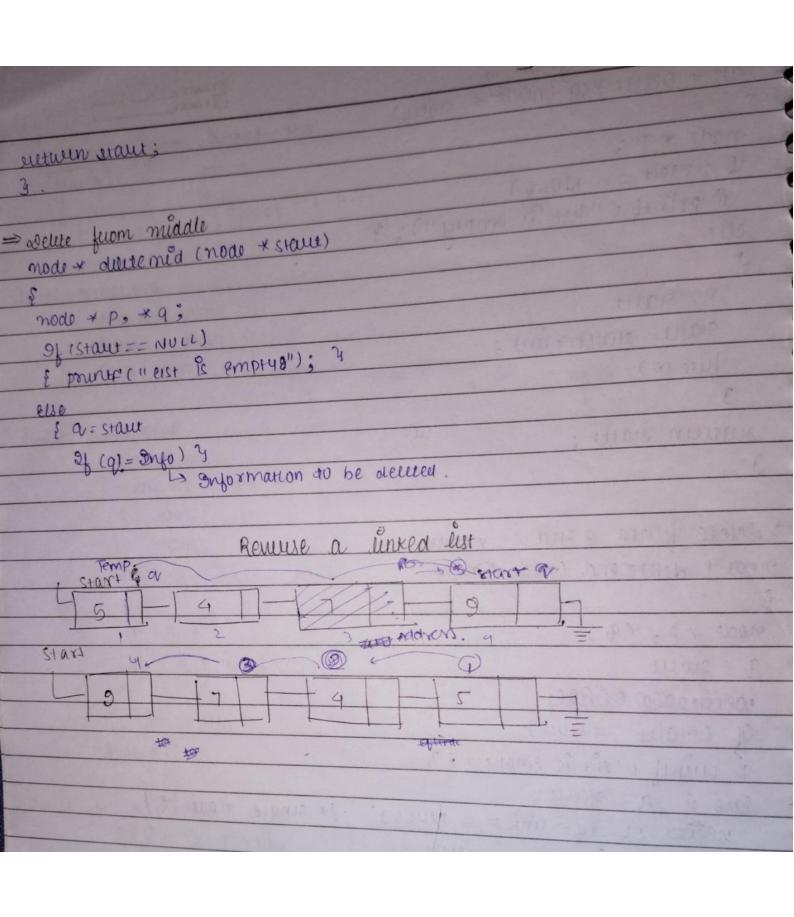


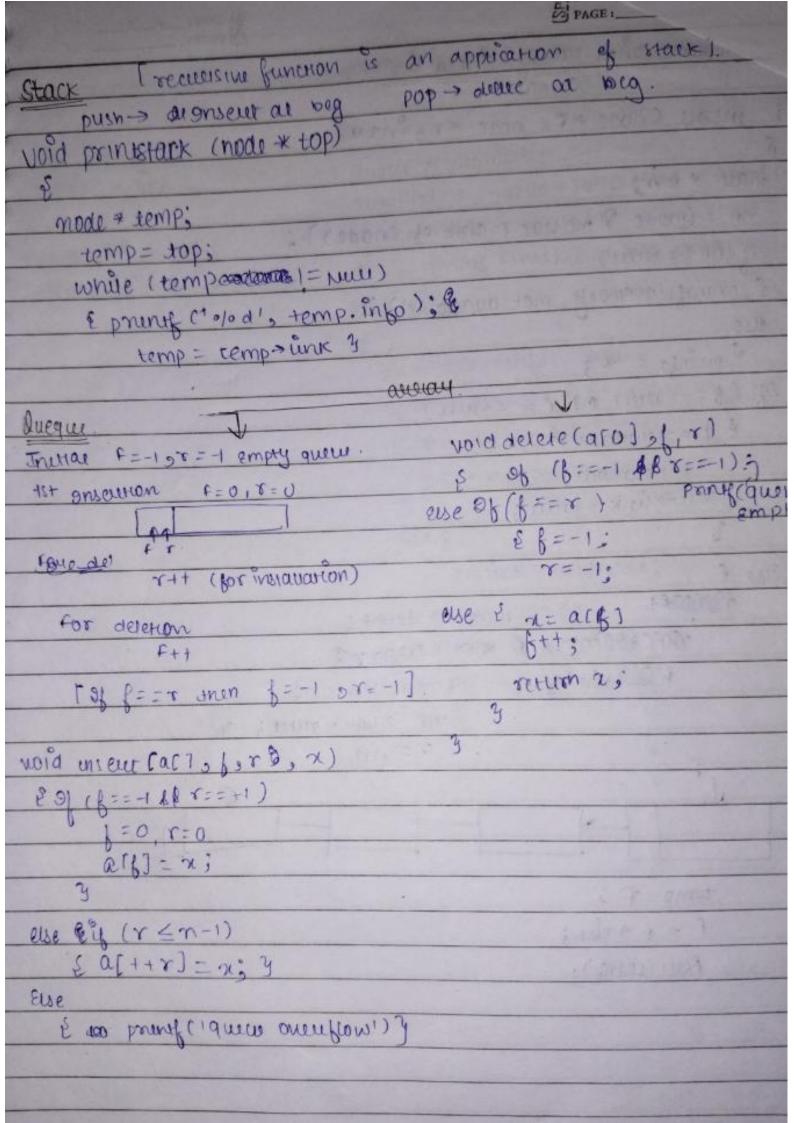
```
A: newnode - unk = temp + unk
B: temp-senk = neumode
                           mid insection
node * insert mid ( node * stort, int , int var)
 node * newnode ; * temp;
  *codemp newhode = (node *) mauoc (sizeof (node)):
  y (newnode == NULL)
  prints "memony not available");
   Exit(0);
  newnode > injo= x;
  temp = stall:
   While (temp 1 = NULL)
      4 (temp > ango == vai)
      newnodo -> eink = Temp - link;
      temp + link = new node;
       bellak:
    2
    retween start;
 out arease menu driven program -
   · choices: - Inscut at beginning, that End and middle
```

Good Write









```
Ourse emprenentation using unked ist
void insent (node + Fo node + Fo inta).
   mode + nn;
   on = (node & mauoc ( size of cnode));
   y (nn == NULL)
  & printf('memory not available') 3
  else
   f nn. injo = x;
 Of (B = = NULL OBY = = NULL)
   & f = newnode ;
    r= newnodi;
nn - ink = Nuu;
Euse &
  Boooset mode * temp;
   remediano Ed Tempores
      ellanely & > link = mn;
                    nn > link = nutt ; 3
                     r=nn.
   temp=+;
   few (temp);
```

quetto Present ( queue \* Fo queue \* r, Stelle queul ine use? int Enjo; queue & newnode; queue \* wink; newrocle = (queue +) malloe (813ed (que af (newnode == Nuc): \* F = NULL quem F - print i memory not variable)= \*L = NOTT. quem eue newnode >info= val of ( == NOIL . ( & r== NULL) of f = newnodes r= newnode; ELSE & r-sunk = newnode; T= newnode; newnode > link = will CB 4

	PAGE:
Applications of stack.	
P> POSIFIX EXPERIMENT	
) add () at end of P	
2) scan P juon reft so erigne uni 3 encor	invaled
5	
3) of can operand is encountered)	1500 - 15 mm2
a) Push openand anto stack	7 3850 = YA 11 11 11 11 11 11 11 11 11 11 11 11 11
s) of (operator is enwuntered)	
6) § $A = pop(s)$ ; $(s \rightarrow siack)$	
$\beta = pop(s);$	
8) $C = B$ operator A;	
a) posticio push(sics;	
3 programment of	
10) value = stop)	
P=@5,6,2,+5*	31214/13-
symbol scan stack	Remarks
5	
\$6 5,6	
2 5, 6, 2	
+ 5,8	6+2 = 8
* 40	5x8 = 40
12 40,12	
4 40,12 94	~
1 40,3	12/4=3
- Qoe 37	37
convert their to post fix.	
0 = onlik P = Postix	
(1) Add 'c' anto stack and ') to the end	of Ouen.
sout a from left to mont with a	ack is empty
(3) Of (openana is encountered)	
Good Write	

il.			PAGE:				
1	If commonson refe	parenthelis is once	unicolod)	111131			
0-		sil onto stack;					
5	"u (Openator ®	Te enwantewa)	3 19 1	1			
1	4 30-340		-3 (3)				
V	(a) repeatedly	pop from sook	and add to P				
5	rototted tops	which has the	same precedence or	night			
T	mecusaeno to		-375				
-	(b) add (8) to	IS NOT THE OWNER OF THE PARTY O		39			
	8 17 7 7 7 7 7 8 9						
	y (right Paveninesis e incountered)						
0	E CONTRACTOR OF THE CONTRACTOR						
0	while (test passonenesis is encountered)						
0	pop from stack and add to P each operator;						
0	3						
	remove less pavonthesis						
	0		1805 01 0000	TON MON			
4	(a+b)/c)			3			
				437 JE			
		-					
	ab+	j+	Containing				
		c	and the same of the same of	(1) (A)			
9	in the first and the same and t						
-			The Marie and Marie	NEW .			
9	0: A+(B*C- (	DIETF) + G) +	H				
2	Symbol Scaned.	stack	ρ.	63			
9	y A	A C C	A				
9	+	C+	A				
3	C	C+c	A				
9	В	C+ C	AB				
9	*	C+ C*					
	С	C1 C*	ABC				
2	-	C+(-	ABC+	*			
-	Good Write		things .				

A13 C\* C4C-C ABC\* D C+C-C: (+(-() ABC\* DE (+ 0- (1 ABC + DE -C+C-C/1 ABC + DEF ABL \* DEFAY - ABC + DEFT/ C+(-\* ABC+DEFTIG ABC+ DEFT | G \* -ABC\* DEFT/G\* -C+\* ABC\* DEFT/61\*-H C+\* ABC\* DEF 1/61\*-HX+ word menge-sout (A, Loh) of (1ch) m=[1+h 1/2] menge-sourca, e, m); menge-sour (Asm+13h); muge & (As lamon);

Good Write