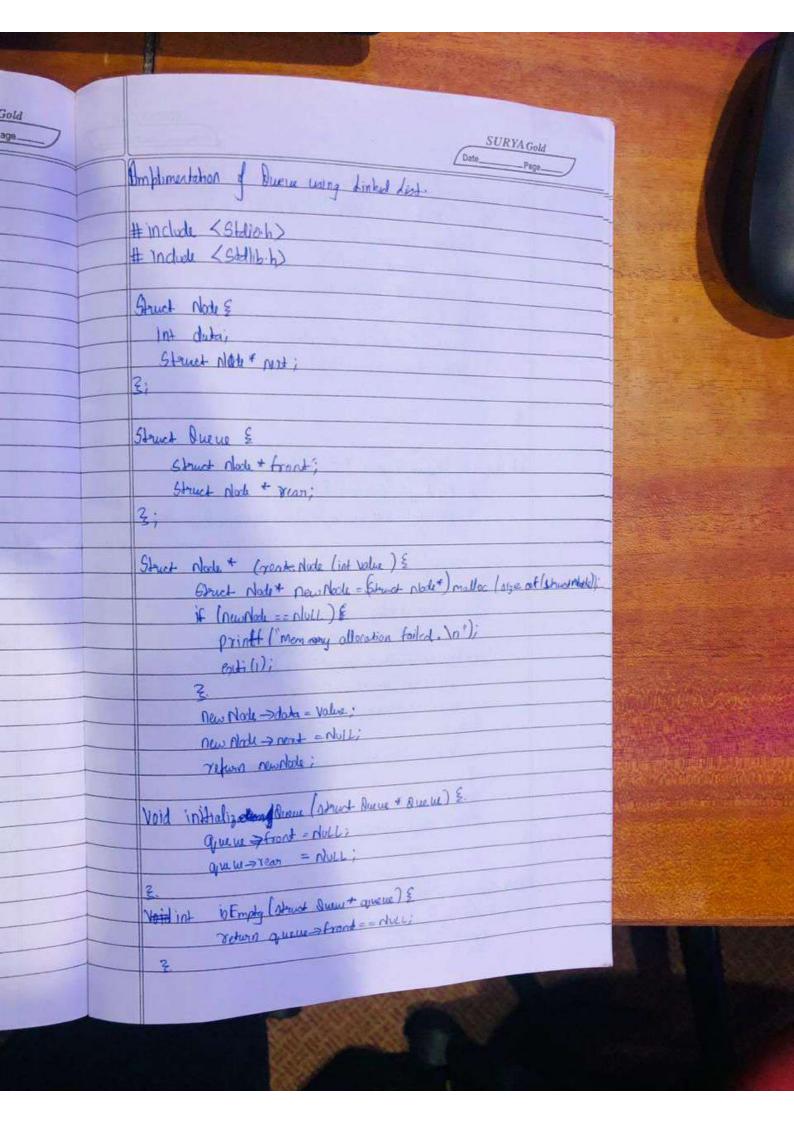
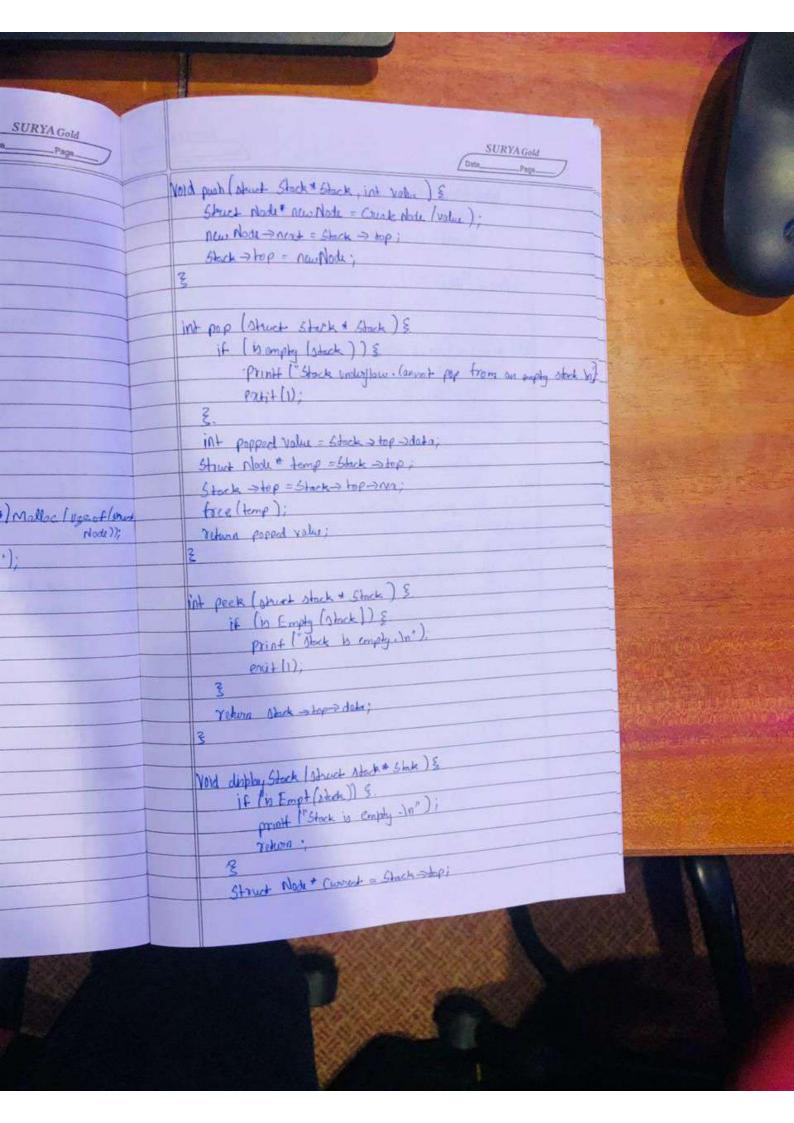


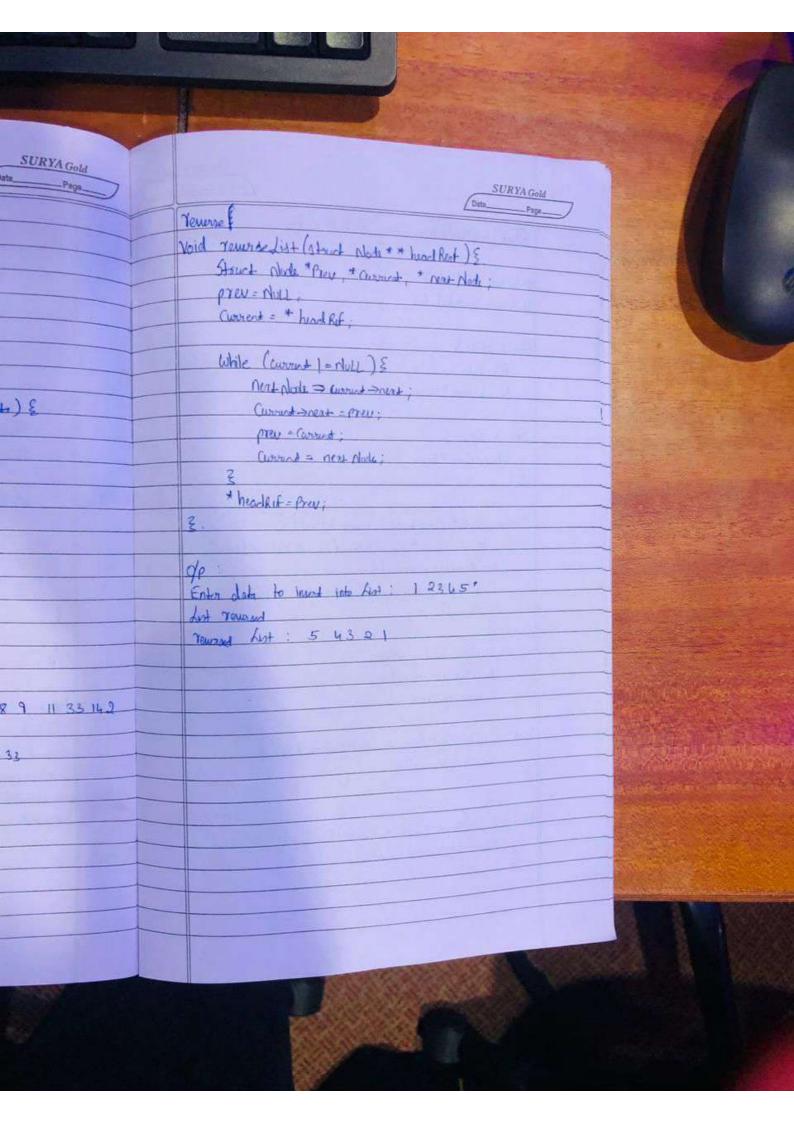
	SURYA Gold DataPage		
	Void enqueue (shoot Queu + que in , int value) &		NAME OF THE PARTY
The same of	Street Norte + new Morte = (Mart Arile (Value);		Atrust Node * G
	if (h empty laquelle) &		while Coursest Print (1)
	grue in Strant = new Abdi;		Clove L = C
	grund - rear - near John;	-	2 (100 tu to = (1
	3 clas E	-	Print (TNULL)
	grund -> year ->nest = new Male;		2
	queu > rian = neu Made;		5
	3	-	Void Frankline in Colo
	2		While Clip Empl
			dique in la
	int dequene (struct Quene * que u) &		2
			ę.
	if (in Empty (Quart)) &		-
	print (" Due we under flow. connet deque we from an		0/2
	complyance In 1)		Queue offer enque
	3		10 6 DOE 300 HULL
			Degracust value: 10
	Int diquend value = questront >data;		Que us after dequire
	Stones About + tomp = que we -> front;		200 306 NULL
	if lane w -> front = que, w -> rear) &		000 300 NUL
	The state of the s	V	
	que cu → rear = nout;	to or	D.H.
	grun Stront = querie stront sourt;	CA .	
	data - date sus sist,		
	Free (temp?)		
	return diquend volve;		
	3		
	12.12.18	72	
	Void diploy sum (stuct fine + que in 12		
	Void diploy Survey (struct Bue + aprese) & if (16 Empty (surveys)) &		
	print ("Our to empty In"); zatorn;		
	Zako-n;		
	3	NAME OF TAXABLE PARTY.	DE LES LOCALES
			A PARTY
		1	

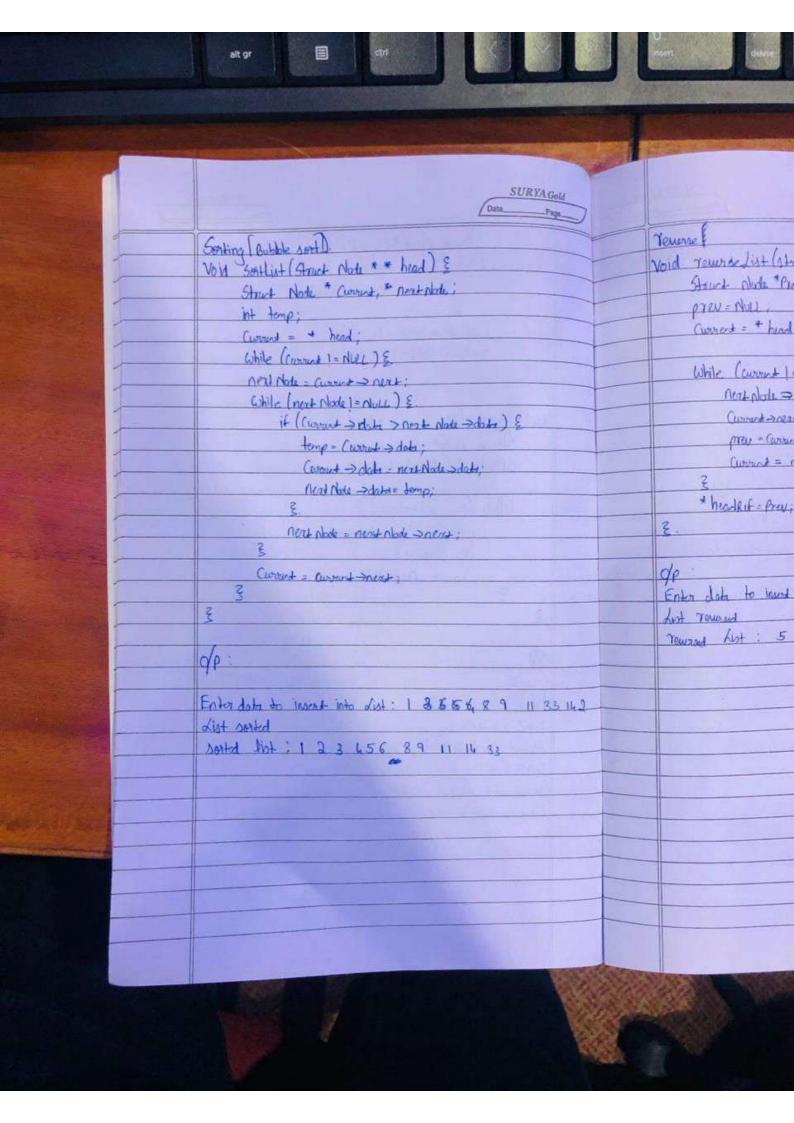


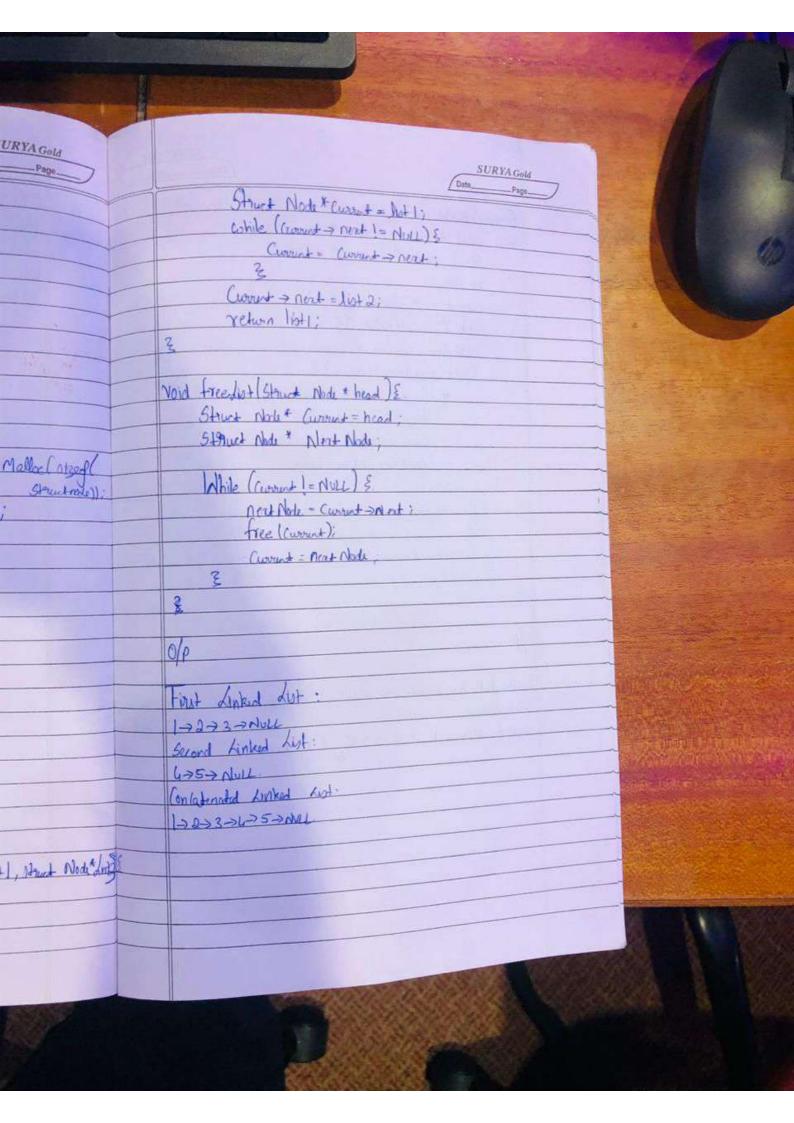
	SURYAGeld	
	DstaPaga	
	While (current 1= NULL) &.	Amplimentation of
1	Printf 1" Id >", Curry > data);	1011
	Covered = Covered > new j	# include KSHA
	3	# Indude <sh< td=""></sh<>
-	Print ("NULL In");	Struct Note &
-	3	Int dutai
A	New 1	Street Note:
	Noid FreeStick (Struct Aback + Stock) &	3)
	While (1 15 Empty (stock)) &	
1	While ([InEmpty[stack]) & Pop (stack); 3	Struct Queue &
	3	Shud Mode
		Struct Nob
	0/0:	3;
	Stack after pushing elmosts:	0
		Street Norte +
	Popal value: 30	Strict N
	Stack often poping climats:	print
	Top Value without popping: 20	enti (
	of your contour parties	3.
		New Node
		new Alad
		TERON
		N V . 23 A . w
		Void initialized
		gue la -
		2.
		Void int 10 Emp
		Tehne
		2
		XXXX



SURYA Gold Data Page		
Stock implementation using Linked List		Void push (street Stack * Stack * Stack * Stack * Andi * new Mode
# include (Stallbah) # include (Stallbah)		new Note - new Pod 5tock -> top = new Pod E
Struct Node &		int pap (struct stack
Street Note * nont;		if (is amply latects Print (Stack) Patit (1);
Struct Stock & Shock alate * topi 3;		int papped value = Struct Nook # temp = 5
Struct Node * Coeate Abole (int Value) & Storest Node * new Node = (struct Node *) Malloc (uggest	flow	Stock - top = Stack - face (temp);
if (new Node a= Note) & Node print f ("Memory allocation failed. \n"); exit(1);	(v));	Tetana paperd value;
Rw Node → dab = Value;		int peck (short stock + if (in Empty Colore print (stock)
now Abob French = Aull; Tetural new Abou;		enath),
Void Initialize Stack (Athurt Abok * Stock) & Stock > top = plull;		Yohum Shock stop > d
int in Empty (5 Aunt Stack + 5 deck) &		Vold diplo, Stock Struct if I'm Empt (stock) pront 1"Stock is
2 Julian Stock - top == NULL;		Yekora :
		Struct Nate + Curry







Las 29/01/24. Concatination Struct cohile # include (Star.h) # include (SHIIb h) Cornert Struct Node & retion int data: 7 Struct Node + next; Void Freedox Str Struct Note Struct Node * Create Node (int value) & 519 yet Node Street Node + new Node = (Street Node +) Malla (1904) if (newNode == NULL) & While Crown Strutrole) printf (Monory allocation failed \n"); Deals enu+ (1); treel Custue New Node > data = value: new Node > next = NULL; 3 Yetron newNode: 0/0 Void displaying (street Nate * head) & Street Node * Current = head; First Linked & While (surrent = 1 NULL) & 1-2-3-3-NULL · print ('td > ", covered >data); Second Linked Correct = correct -> next; 4757 NULL Confatenated Linker Printf ("NULL In"); 12223262521 Street Node * Concatenate Ands (Street Node * diet), street Node & Diet if (dot 1 == NULL) & return lista;

```
First Linked List:

1 -> 2 -> 3 -> NULL

Second Linked List:

4 -> 5 -> NULL

Concatenated Linked List:

1 -> 2 -> 3 -> 4 -> 5 -> NULL

Process returned 0 (0x0) execution time: 0.007 s

Press any key to continue.
```

```
Queue after enqueuing elements:
10 <- 20 <- 30 <- NULL
Dequeued value: 10
Queue after dequeuing element:
20 <- 30 <- NULL
Process returned 0 (0x0) execution time : 0.006 s
Press any key to continue.
```

```
30 -> 20 -> 10 -> NULL
Popped value: 30
Stack after popping element:
20 -> 10 -> NULL
Top value without popping: 20
Process returned 0 (0x0) execution time: 0.008 s
Press any key to continue.
```

Stack after pushing elements: