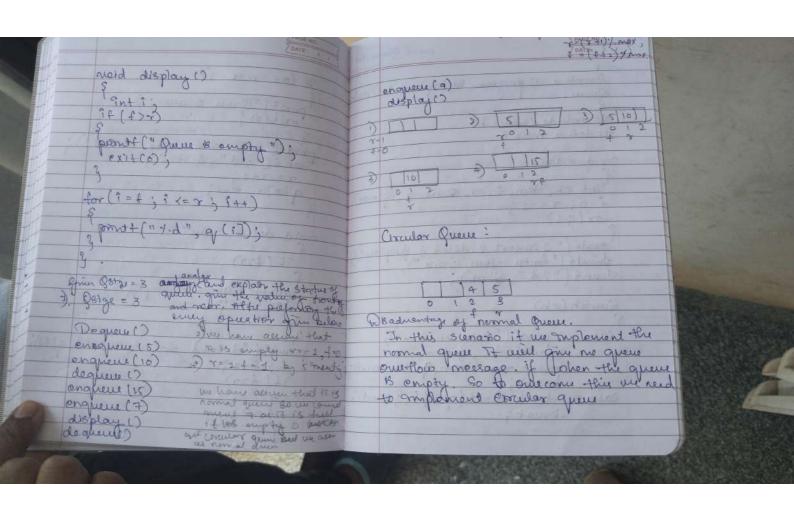
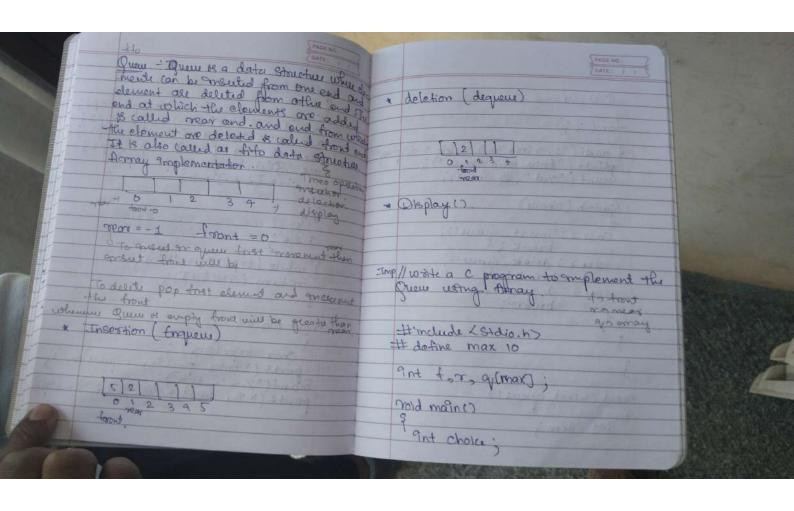


normal green to TAGE NO: 2 Monte a C program to implement circul case3: display (q, f, &count); default : exit (0); count 11 alway re of #include (Stolio.h) Hidefine max 5 cooled mains fant ch, stem, t, r, court = 0, grand moort war (Int item, int gill, ant tr, South ("Quine orner flower "); for (;;) proof (" 1 insert 2 delet 3 display"); print f (" tontu yeur Choice"); scanf (" " d", slan); metum ! y offer putmyro caller win give remotion * = (* + + 1) / max; q[*x] = item; Huin check the rear and resort of grand the street will be a street with the to the thing of the thing of the thing of the to the thing of the thin Switch (ch) Case 1 : printf ("Entre an item");
Stanf ("Id" & item");
Ginsert rear (item, 9, 8 x fram); break; case 2: delete front (9, &f, & www); (0== true) +P break; pants ("Queu undustow");



f=0; x=-1 3f (r== max - 1) for (; ;) > To display now again to again postf ("Que ourtous"); point ("1. mont in 2. delete 3 display plant ("4.d", & choice "); provide to the tem to be mealed ");
Sean f (" / d", & item); Switch (choice) q[r] = Ttem; Case 1: 9 nsert gueurs; graid delete queue () case 2 : delete queue 15; g 3t (+24) break; 1 Case 3: display ();
breato; printf("queue & empty"); print + ("deleted element is 1-d", q(f)) +-++1; word meest queue 1) (rx+) 7? gant Hem; 2 = -1 -4=0;



at write a C program to andust park Switch (symb) Case 1+1: SIK[+1] = Op1 + Op2; Case 1+1: SIK[++] = Op1 + Op2; Case 1*1: SIK[++] = Op1 * Op2; Case 1/1: SIK[++] = Op1 / Op2; Case 1/2: b = pow (op1, op2) SIK[++] = b; Ht molede (staio. h) It molude & math. h> double end (char exp ()) double enal (char exp[]) double opt op2, stk [size];

char symb;
int 1, t; 9++1 while [exp[i]] = 16) 1 = -1; return (Stk (+1); top value of Oto 9 sund Str (4++) = Symb = 101) roid main () proposed special char expr(8ix);

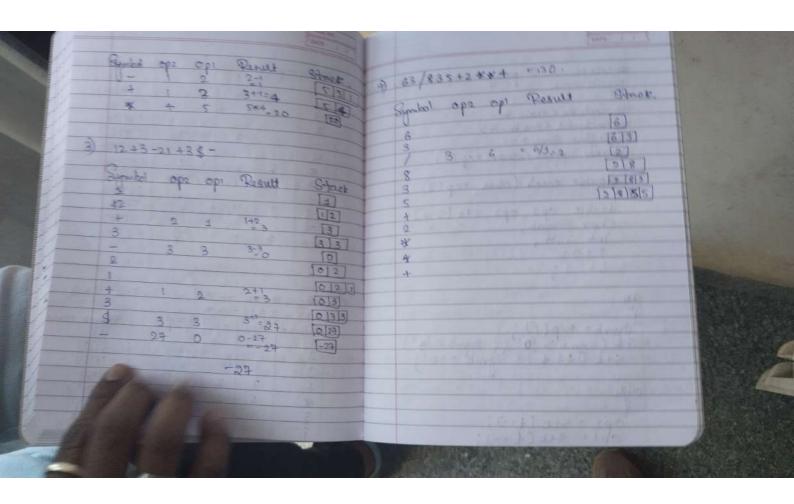
prontf(" " inthe postfix expression");

Stanf(" " s " expr);

prontf(" The result is y. If ") end(4)) op1 = Stk (+-);

He wonte a C program to avaluate por Switch (symb) Case 141: Stk[t+1] = Op1 + Op2; (Ote 1-1: Stk[t++] = Op1 - Op2; (ase 1*1: Stk[t++] = Op1 * Op2; (ase 1/1: Stk[t++] = Op1 / Op2; (ose 1/1: Stk[t++] = Op1 / Op2; Case 1/2: b = pow (op1, op2) Stk[t++] = b; # melude (87dio. h) # mclude Kmath. h> double end (char exp()) double enal (char exp []) char Symb, and I of sound 9++' int 1,4; To come bridge 1=0; word I while (exp[i]) = neturn (Stk [+]); do top value of Oto 9 must roid main () pulemy open Str (t++) = Symb = 101; char expr(81x);
post fix expression"); Scanf (" " s " expor).

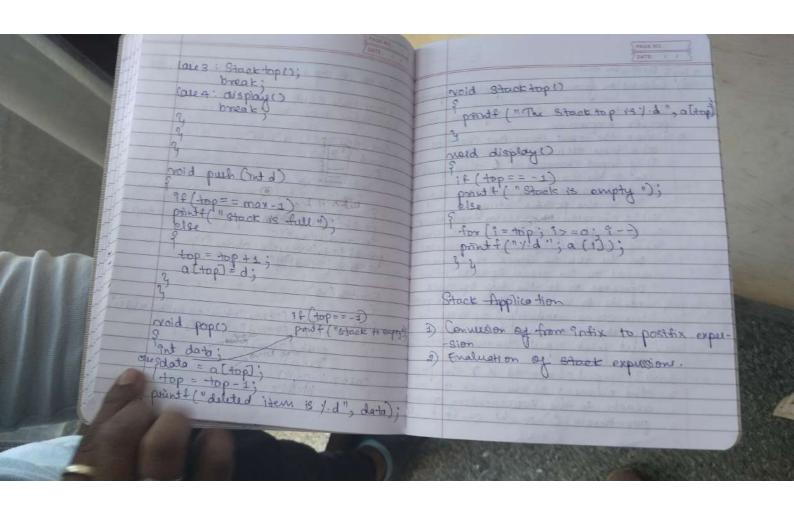
provide (" The rosalet is 1. I f") and (26) clac Op1 = Str (+-);

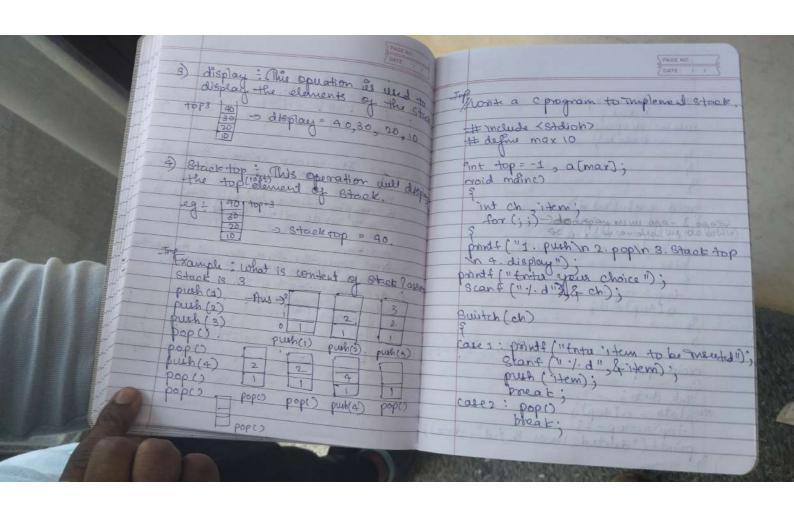


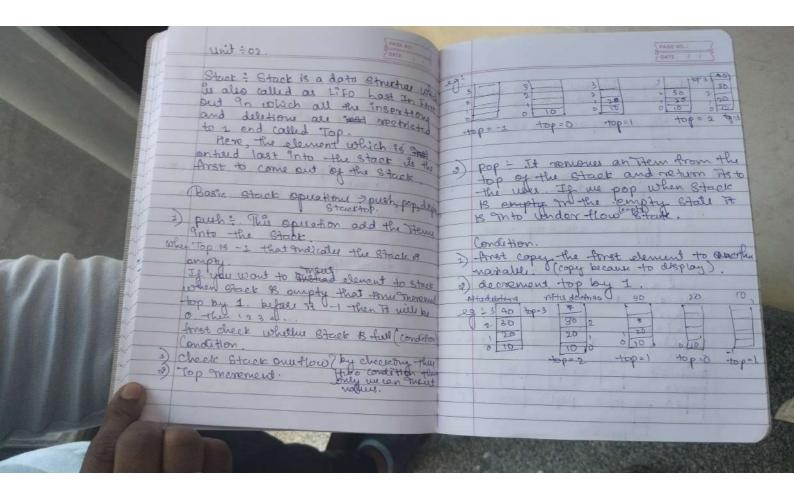
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	PAGENO					PAGE NO.	
3) Fraluation of Postfix exp					Paul =		
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Steps to enaluation Posts 3) Sian the symbol from less 3) Sio If scand ayonbol	X expression	16			2	16	
3) Stor the symbol from 101 3) Stor It Scand Rymbol I then push It on to you	E an angle	3	-02.00		711112	6 3	
the push it on to the all the pop two about for	Stack	2	2	3	P=3-2	[6]	
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the pop two element for second pop element an open	and to 2 and	+	5	6	= 648		
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the mouth on the above processor	the stack	00.					
and of the	The day	1 3 -	* 701	1	C .	B=2,C=3	
evaluate following postfix es using Start (tabulation M 3) 632-5-++1\$7+	(8)	Symbo	002	Opi	Pesut=	Stack contra	
Using State (the poster of	x peo seron	2				U	
a) Ass 5 11	ethod)	3	441			11 13	
1) 632-5*+1\$7+		*	3	2	= 243		
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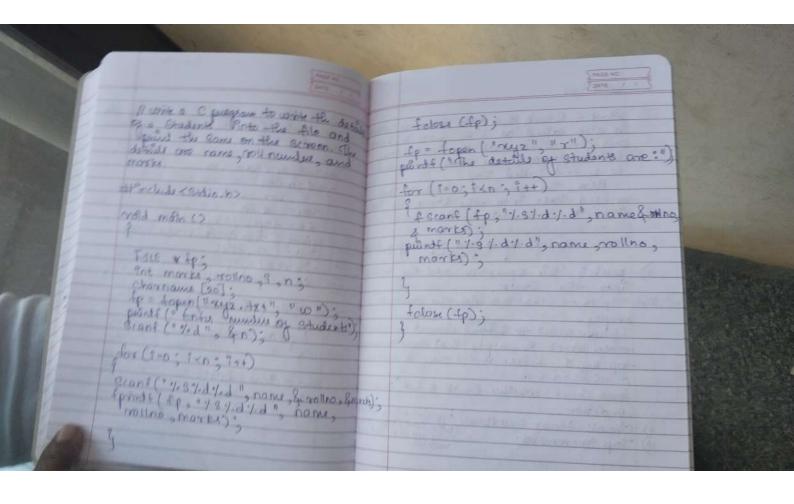
Input Stack A	a) (a*b)	+(e-f)	PAGE NO DATE	Turday: 8:30 am		PAGE NO.
3) (0+b * (c/d)) Thout A B C C C C C C C C C C C C C C C C C A C C C C C C C C C C C C C C C C C C C C	Input a	Stack	Marin	d 3	C+* €	abcd/
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2 + C	10*	2 ab* ab*	5) ((A+(B-	-c) * D) + E -	a savi
3) $(0+b)*(c/d)$ Example 1 By $(C+C)$ AB Control of the contr	1	+c-	abtet aptet	C' C	CC	A
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Ca	Stock		C C	(C+C (C+C (C+C-	A AB
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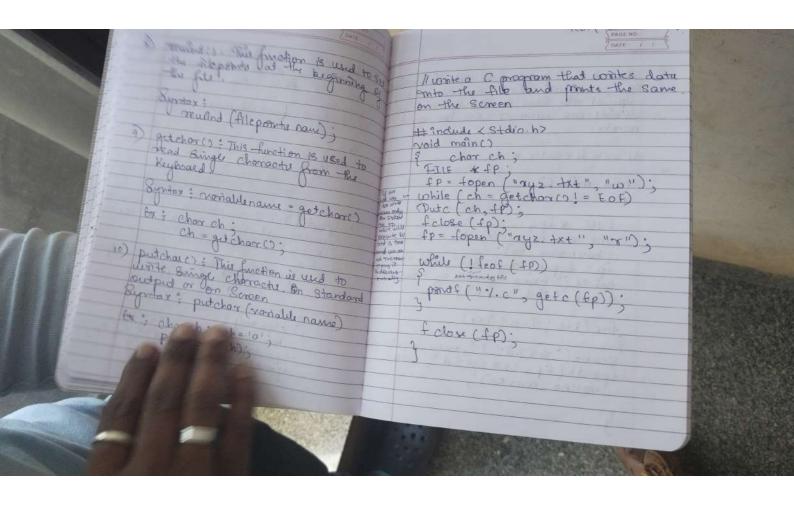
	Steps to comment on	to post on			PAGE NO.
	3) Sian the input stain	no a crpussion to	vi) pop post	all the element in fix string onces to appear string.	e seach end
19.	on to the stack	is C then puri	eg = Com compressi postfix	on into John (Population to
	and in the postalix	String output		using Stack.	The proof
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100	Av as to be outse	The Stack	C B	FC + C C + C C + C - C + C - C + C - C + C - C + C - C + C - C -	
-	just push mout of	tack I not	2		cl- ABC
Pa	the element of the	ts) then pop	0		ABC-D
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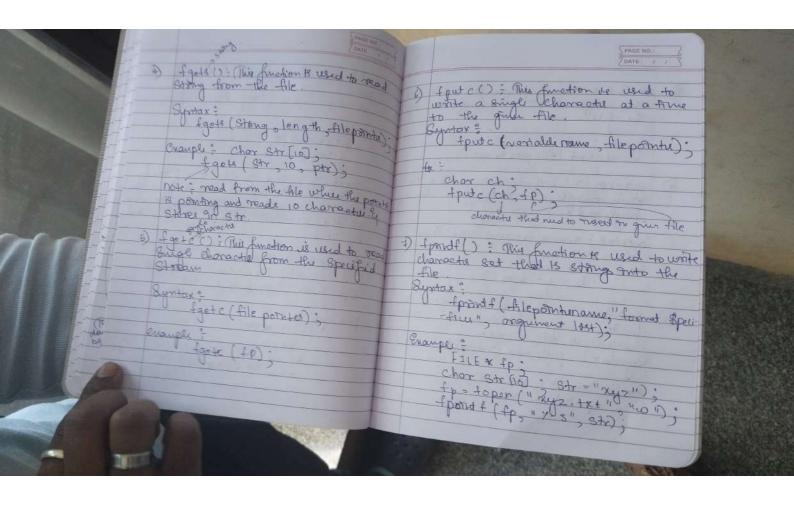


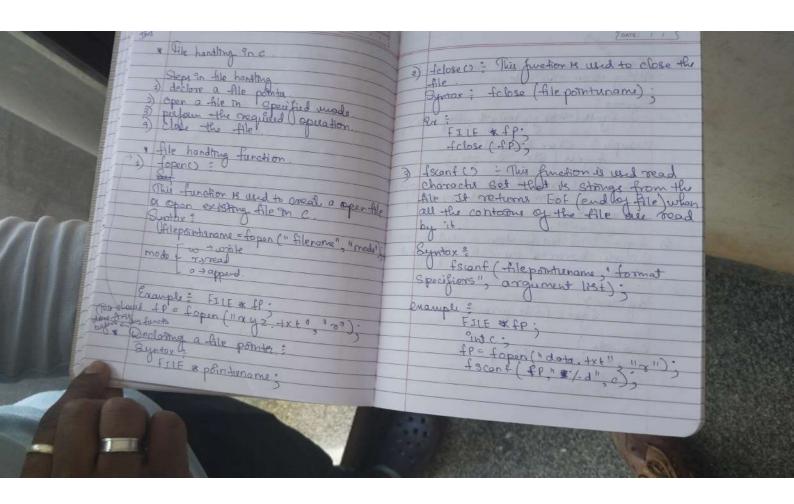


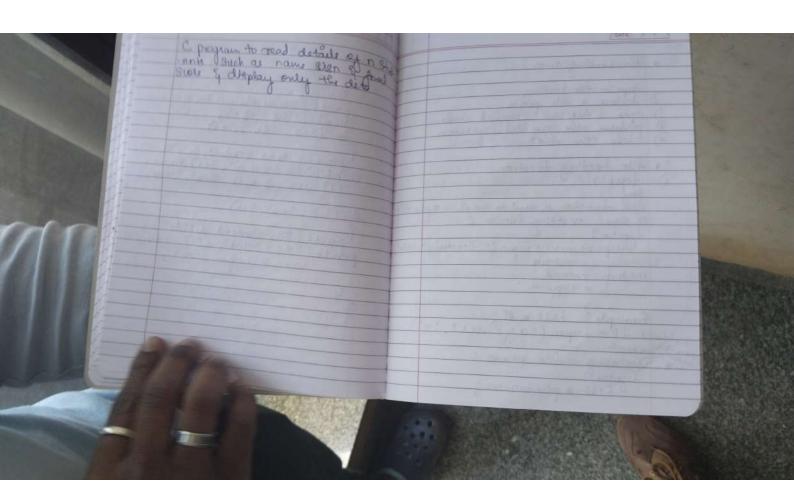


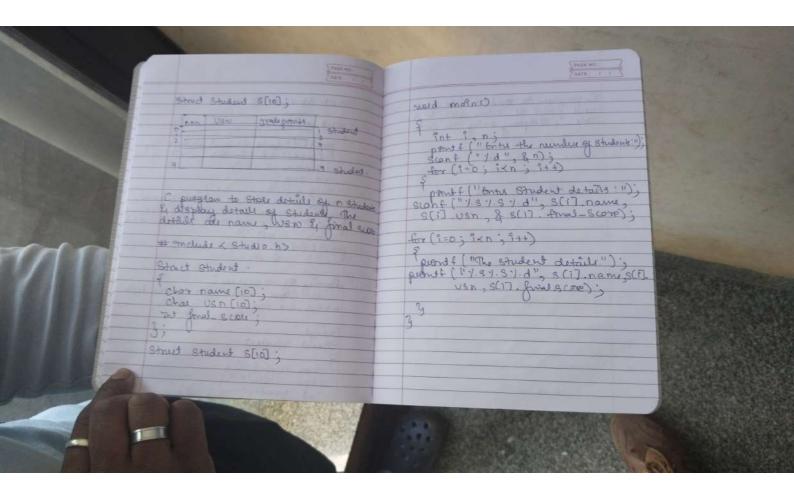












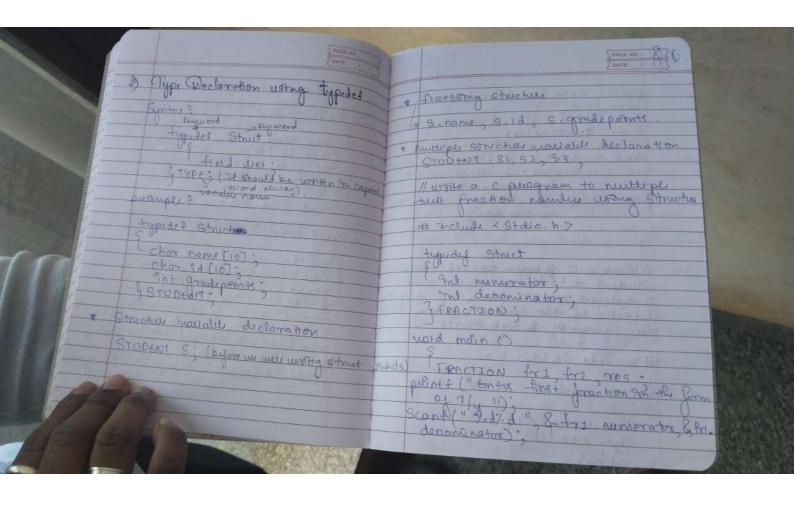
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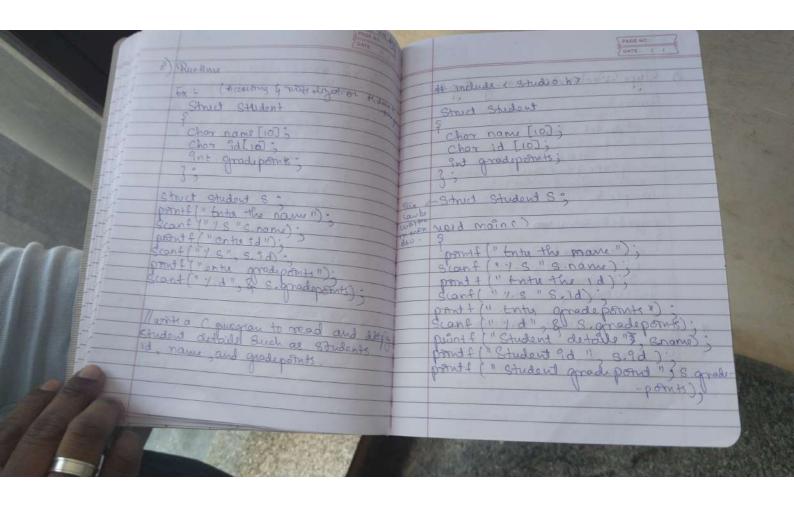
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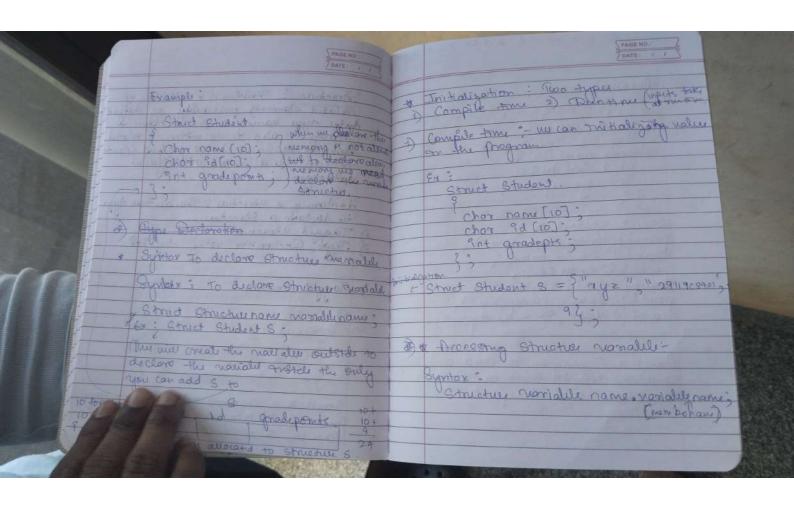
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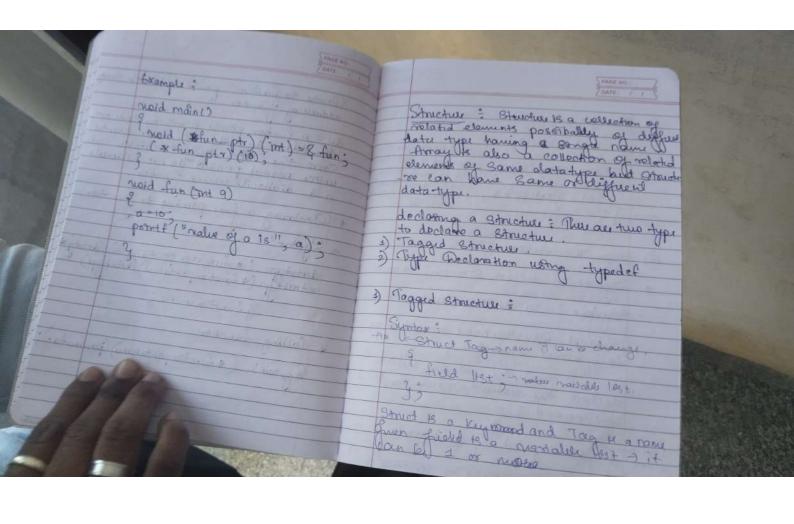
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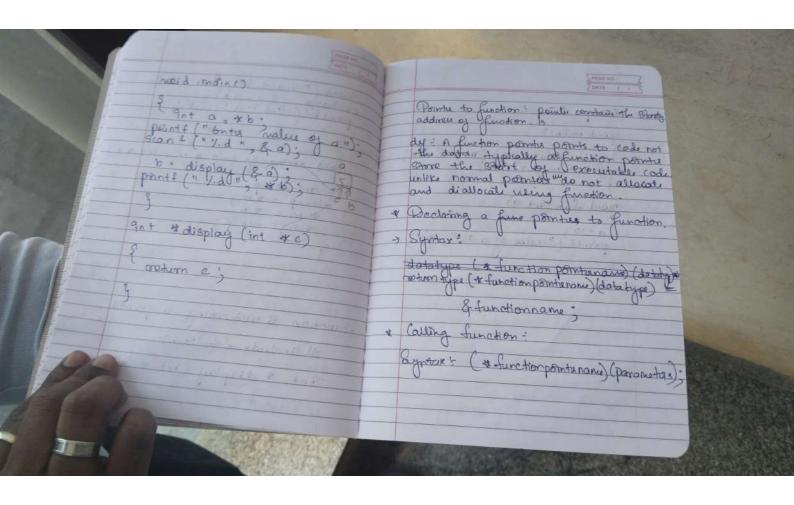
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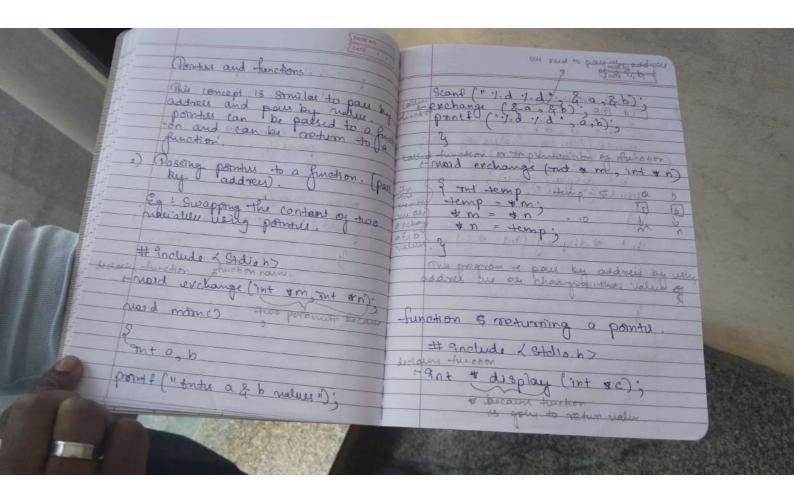


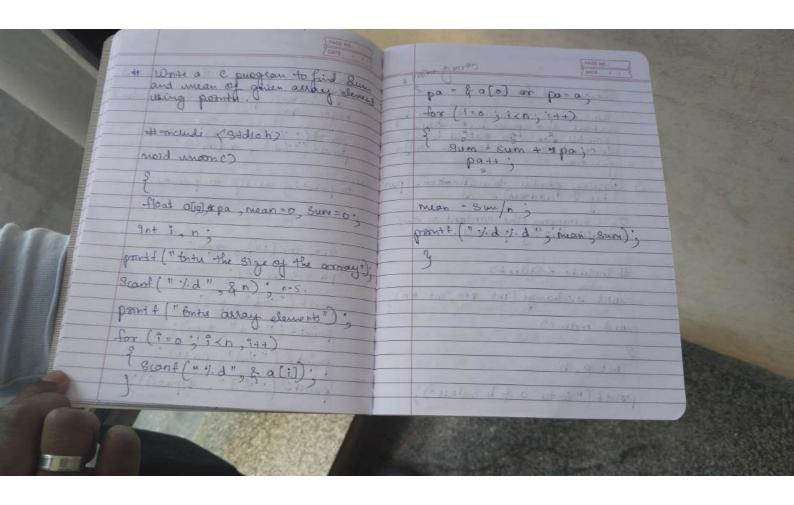












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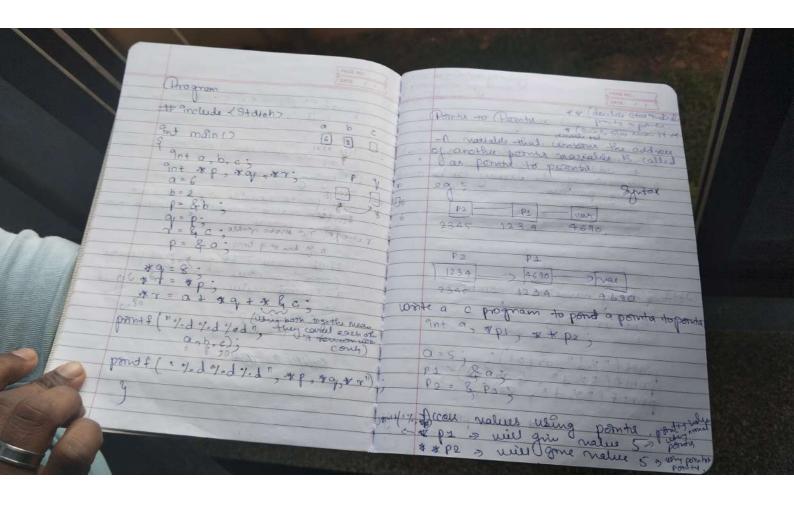
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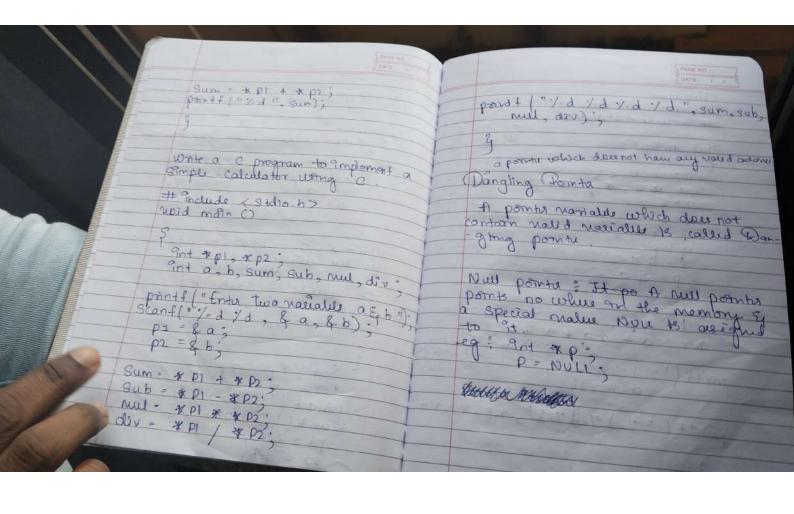
point f (" /. d" or [0]): 1234 print f (" y. d", * pa); point f ("1.d", pa+1); & ar will pant violer of puint (" 1. d", *(pa+1));

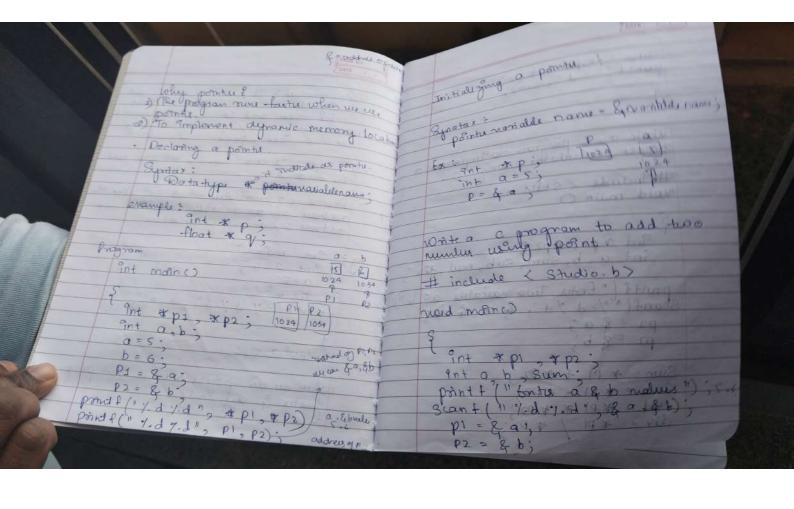
Antax of declaring the orner datastrong and office Total or Eroj Powers and arrays. s leurey alray is a painty a nature of alray individual is expended to address of the formay can be acress. ant? I it points at the ? + element after ar the general separate ar the general Using pointus. point f (" 1 d" , * ar); it value address of dener care 2 # pointing away to points Case 1 Amay name as a pointe. ant ar [10]; - dictionly all and aut os [10] * pa; point f (" 1.d" as (0)): 123 q

point f (" 1.d" & ar (0)): 123 q

point f (" 1.d" & ar (0)): 123 q amania poro po to ana 1 posts or pa); * ar will paid rolling Deunt of (" /. d" pari punt f [" /.]







Data Structure: It is a concepts of del I algorithms used to sprugheer the Information and can be implemented like any perogramming language like Coctt ; java. · Pomtus: It is a mariable used to hold · Pointy is a magiable that contains the address of at another mariable address of memory 10 cation ant main () ant ab; bone specific for whom. a = 5 = b= 6? point (17. 27. 2" entped > 5,6 when we we points are to our program であるしゅり 1177 ちゅう