Process sistemed 0 (0×0) erocution there = 0 5005 Process any key to continue Prints ("The differential is 1.d \0", differentes); Prints ("The multiplication is 1.d \0", multiplication); Prints ("The sum is 1.d \0", multiplication); Ceturn 0;	OUTPUT: Enler a Number = 8 q The sum is 17 The multipulation 70 The subhaction -1 The division is 8	EXPERIMENT: No. 2 10 10 10 10 10 10 10 10 10 10 10 10 10
		Print f ("The Sure is 1.d \n", Sure); Print f ("The differentiation is 1.d \n", differences); Print f ("The multiplication is 1.d \n", multiplication); Print f ("Thy substruction is 1.d \n", substruction); return 0;

- D X ENTER 3 NVMBERS 99 102 5096 THE GREATEST NUMBER IS 5096

	EXPERIMENT.	Date	
0	weite a pragram to take inp	ut of 3 Variable	
8 4]	will a prayer.	9	
	and prille the grants		
- 12	# include <stdia.hz< td=""><td></td><td></td></stdia.hz<>		
	ial maia ()		
	int Parin C		
	5		_
	int a, b, l, greatest;		
	prints (" saler 3 numbers \n");		
	Scant ("1.0 1.0 1.0", sa, sb,	(1);	_
	greatest = (azb) ? ((azc) ? a:c);		_
	((6>1) 9 6:();		
	was to the product the state of the	1 1" matert)	
	prints ("The Greatest Number is	1.0 grenest,	
	Million 0,		
	4		
			_
			_
			_
indaram		Teacher's Sign	

Page No.

	EXPERIMENT: No. Page No Date
	EXPERIMENT 3: o:] White a program in to their weather to person is eligible for voting or not
Oslest:	→ # include < std in-h > int main (0)
Falm age 121 Erran an late	<i>{</i>
Project cetured 0(0:0) execution time + 0.75	int age; print f (" talen age"); scan f ("'.d ", & age);
	print f ("Panson (an vote");
	print f ("Pensen innert vote");
	3

Out put:				
	3 number			
		2(0x0) en lo continue	rustan tan	3 650

	EXPERIMENT: No. Page No Date
7	white a program in (to print or find the
<u>a ·2/</u>	greatest of three numbers
	using if else
→	# jaclude < stdia-h>
	int main ()
	- d
	int a, b, (;
	print f (" taken 3 auraben ");
	Sign F (" 1.d 1.d 1.d , sa, sb, sc);
	if (0x(s x 0xb)
	print f ("ted is greatest", a);
	else if (bx & s bra) print f (""d is the greatest", b);
	else
	print f (" 3.4 is the greatest", ();
	Return 0;
	nation and p
	4

Teacher's Sign :

output: Enter Your Age: 42 NoT Engible For Senior litizen Consession Process returned 0 (0x0) exerction time 16 152

	EXPERIMENT: No. Data
8 हो	Unils a program in (to check if an purson is digible for consussion on not.
→	
	# include < stdin-h > jut rain ()
	<i>{</i>
	int 0; print ("Enter your age:\n"); Sconf ("Yed", 80);
	if (az=65)
	print f (" Not elegible for Senior citizen lensession");
	else prial! ("Eligible for Senior viligen Consession");
	setuca 0;

Teacher's Sign

Film the thimper 5 to thinkey it odd

	EXPERIMENT: No. Page No.
	EXPERIMENT 4:
	White a program to check weather number is
7	# jaclude «stdio-h? iat main ()
	<i>{</i>
	int a; print f (" Fater the number : ");
	Sconf (" Yod", &n); if (ny, 2 == 0)
	priat f (" the ayorber is even ");
	else prials ("The aumben is odd");
	celuca 0;
4	·
3	

Enter A number : 5 Foctoriol: 170

	EXPERIMENT: No.	Page No Date
0:2]	Write a program in (to find the Sact. a number using is foor loop us while loop	focial of
	u) do while loop	
ラ	y For loop	
	# include < Std io-b?	
	lat resia O	
	{	
	print r ("Inter a number");	
	Scant (" Y.d", Sn)	
	for (i=1; i <= n; i++) {	
	fact = fact * i i g	
	print f (" Factorial : Yod ", fact);	
	j	
		-10-7
indaram		Tennels Simi

No.

	No.	Page No.
	EXPERIMENT:	Oate
		+
	A substitute	
	2) while loop	
	# include < stdio-h>	
	int main ()	
	{	
	int n, fact, i;	
	print f (" Enter a number: ");	
	Signe (" " d" , & 1);	
	fact = 1	
	<i>j=1</i>	
	while (ic=n);	
	£	
	fact = fact * i ;	
	1++; 3	
	printf (" factorial : ".d" : fact);	
	· ·	
	return 0;	
	2	
	}	
Sundaram		
		Teacher's S

Inter A number: 5

Portorial . 170

	EXPERIMENT: No. Oaro	
	→ 3) Do While loop	
	# include < stdio-h > int main()	
Enter P cumber +5	int n, fact, i;	
factorial 170	print f ("later a number"); Sun f ("lod", n); fact =	
	do f fact=fact * i ;	
	while (i = n); print ("factorial 2.d", fact);	
	return 0:	
	- j	

Sundaram

Teacher's So

Square	sF			
71010	st	2	4	2
-4,0000	sř.	ŝ		7
39 227 4	sil.	1		3
41010	:4:	ž		25
synta	;F	2		25
1,1010	3/	7		49
3,1010	#	8		64
Square	15-	7	4	21
quare	of	10	3	100

	EXPERIMENT: No.	Data
8:3]	white a program in the forest square from 1 to 10 by using for last, while and do while last	of auritar loop
	FOR IMP:	
	# interder < stdia-h > int main()	
	for (i=1 , i== 10 ; i++)	
	print & Square of 2nd is in a \a", i, ini)
	cetura 0;	
	3	

Teacher's Sign

Square			15	,
390010		2	15	4
Square	of	3	+.5	9
Square	of	9	15	16
59,0000	of	5	22	25
Square	of	6.	14	36
Square	of	7	is	49
Sayvari	0£	8	7.5	64
Squill	OF	9	12	81
Square	OF	10	3	100

	EXPERIMENT: No.	Page No.	
	EAT ENIMERT .	Date	
	WHILE LOOP		
	# include < std in h >		
	int main()		
	\$		
	int= '		
	while (ne= 10);		
	f		
	printf (" square of red is 1.d \n" n	1.1);	
	n ++ ;		
-	1		
	returno;		
6.01	3		

Page No.

No.	Page No.
EXPERIMENT:	Date
do While loop	
# include < stdia-h >	
int main()	
int n= 1;	
do	
f	
prints ("The square of Ted is 7.d \n"	, , , , , , , , , , , , , , , , , , , ,
n++;	
3	
while (gr=10);	
retorno;	
3	
4	
1	
	1372

Teacher's S.

EXPERIMENT:

Page No.

Teacher's Sign. ;

		No.)		Page I	No.		
	EXPERIMENT:	140.			Date			
						-		
	Lase 5:							
	printf ("friday	");					
	break ;		");					
	(ose 6:							
-	print f	(" Sat	urday");					
	Anga b.							
	brean,							
	(use 7:							
	aniat f	" Gund	(mu").					
	boenb.	201100	(ay");					
	vieuk ,							
	default:							
		'n invalio	d number ").					
	break;		d number ");					
	3			<i>*</i>				
	return 0							
	3							
								_

			EXPERIMENT:	No.	Page No. Date
		0.2]	Urile a program	me in (lo	pript stor method
			lode:		
Output:		à	# include < std in:	h>	
		<u> </u>	int main()		
			{		
	Enir compers +		print F (" Inter scent (" " " od "		
			for (i=1; i==		
	/		for G=1; je=	i, itt)	
	/		ecint (":	(");	
			printf ("\n")		
			neturn o;	10000	
			}		

Kundaram

Page No. Date EXPERIMENT: 0.3] white a programe in (for simple calculator using function giving option to the user # include estdio. b> int add (into into) return atb; int sub (inta, inta) int pro (inta, intb) int div (inta, inth) return alb; int a, b, n; print f (" solen your owner: "); sanf (" 1.d 1.d", do, ub); print f (" Enton 10 1 for addition In 2 for Sup in 3 for product **Sundaram**

Teacher's Sign

	No.	Page No
	EXPERIMENT:	Date
	in for division:	(n n");
	Scanf ("7. d", & n);	
	if (0==1)	
	A strict as to all the strict and	
	prior If (" addition of number	1 15 1.0 , 000 (0,01);
	else if (n== 2)	
	5	
	print (" substraction of number	is 1.d", sub (0,6));
	3	
	else if (n== 3)	
	3 . 15 (1" 41. (1. 7")	
	geints ("multiplication of number	2 1.0 , pono (4,01)
	else if (9==4)	
	print f ("division of auraker	is 1.d , div(0, b));
	3	
	Use	
	1	
	grint f (" Invalid ");	
	netura 0;	
	numu u,	
	24	
undaram		Teacher's Sign. :

	EXPERIMENT: No. Oate
	198 6
Enter Your Name: 5	[oil] Write a program in a sing recursion of
Factorial is 120	**
Process Returned is (0.0) execution large	# include < st dig b>
	- 4
	if (as: 1)
	netura 1;
	else
	return no fact (n-1);
	3
	int main () {
- 1	int a:
	print f (" Enter your number: "); Scan f (" 7.6, " An);
1.	prints (" Factorial is 7. d, " fact (v));
	3
7	

Teacher's Sign

Enter	in con	PS : 0 1	Jerm: 6	
110011/01	27. 51.		, , - , - ,	
neares	returna	1 00x0) exerction	
		to contin	que /	/
Pr	0			

	EXPERIMENT : No.
0:2]	Develop a (program to print a sibovece senies using a loop
	# include <5tdia h z
	f control of the second of the
	points (" Enter the number of tenns: ");
	point (" Fibonaci Sepies: 1. d 1.d " (1.12);
	for (i:3, ic= p; i+)
	next term = t, +t2;
	print f ("% d", next term);
10	111;
	return o;
	3
-	



Page No.

Enter Number of elements: 5

Enter 5 numbers:

1

50

55

11

19991

20

The greatest no in the array is 19991/
process returned o(oxo) execution time/9640s
press any key to continue

EXPERIMENT: LAB 7: oil write a programm in (to find greatest number in 1-0 array. # include addio.b> int min() prints ("fater number of elements"); Sunf (" " od " SA); int and [a] griat f & soter % d number: \n" a); for (i=0: i = 0: it+) scaff (" "bd", sam [i]); int max = apr [0]; for (=1: ich; i+1); if (arr [i] > max) max = arr [i]. prints ("The greatest number in the group is "a" nee returno; Sundaram Teacher's Sign

Inter Number of elements 4

Enter 4 number:

27

32

15

22

printing sorted elements

15

22

27

32

process returned 4 (0×4) execution time: 10.5935

press any key to continue.

2.27	Sort elements in array:
->	# include < std io : h ?
	int main ()
	4
	iat n, i, temp, i;
	prints (" salen number of elements");
	Sant (" % d, " & a);
	int array [n];
	print (" Eater 1.d pureber: \a" (2)
	{for (i=0; i=n; i++)}
	\$ For (1=0; jen; j11)
	for (i=itt jen; itt) }
	{ if (arc [i] > arc[j])
	1
	temp = arr [i];
	orr[i] = arr[i];
	arts/ temp;
	4
	1
	10 /0 1/1
	print ("printing sorted elements list \"
+	Par (i=0, i=q, i++)
-	9
-	print (" % d \n" arr [i]);
	4
14	

Output: enter a [0] [0] : 1 0[0][1]:3 enter 0 [0][2] : 4 enter 9[1][0]:1 enter 9[1][1] :5 enter 9 [1] [2] : 4 enter 0 [2][0] : 2 enter 9 [2][1] : 2 enter 9 [2] [2] : 5 enter Printing the elements proces returned (0x0) execution time: 11.5465 press any key to continue

		EXPERIMENT: No. Page No. Date
	8.27	Mullidimensional Array input 4 point in Matrix:
		# include estdiate?
-	-	int main ()
	1	int nor [37/3], ;;;
		for (1=0; is3; i11)
	_	f
	-	for (j=0; j=3; j+1)
	+	griate (salm a [4 d] [4 d] : " , i , j);
		Sant ("Yed", & are filtil);
		4
		3
	1	print (" \a printing the elements \a");
	+	for (iet; ies; 111)
	+	1
	-	printf("\0");
		for (j=0; je3; jtt)
	1	gride (" " d \ t" , are [i][i]);
		9
	9	
		retura 0;
	4	
Sundaram		Togehar's Can