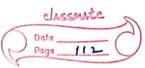


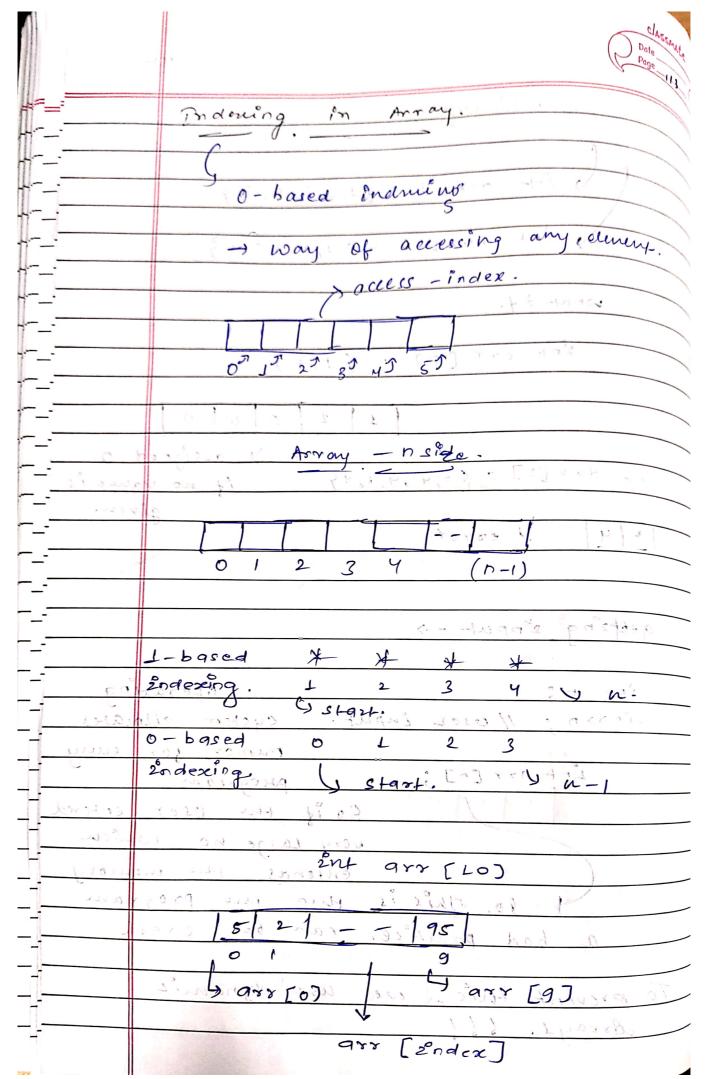


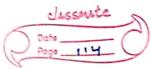
7	Page 110
	understanding Arrays.
	How pormal variables allocates in
	memory.
	int a = 5;
	Array Declaration.
	O created 10
	got das [10]; continuous memory.
	agracype, (array)
	monuninament -
	arr -
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	HL J D I 2 3 4 5-6 7 8 -9
	( Memory Cocalions)
	HOL = 2288000 THE
100	of stability on a strong
	Nabi jirra
<b>3</b> 3	int boo [5] Memory Allocated.
1 -	- Lod almalbard
	int bry [5]
	0 1 2 3 y 4 bytes 2 -
	5
	Base Adaress. So, 5xy
	it holds 20 bytes.
	Static Array .
	(size is fixed to 5)
	8 7

	classmate
	Date Pope
	Page LII
To check.	
(1) addresc	
Laddress of operator - 2	
(ii) size	
Le of function	
Address happing with variable	2 1/01
Accepted to the second	J. accu.
in- a = 5;	
(Crocke) 2 Sahatester	
and a service of the	
- COD C	
Symbol Table.	
Varivane + Addrew & Mappong. Tracic.	1/4
7 a - 104 ( ) ( )	11911
address =	- 104
- Coul- 40 a Varzabl	
Nah² j'	
pass de [5] Alermeny allerated.	
resulante	hai!
intimarks [10]	
Race adarses 5	\
- 104 4 12 16/100 Noy 109 112 114 120 24 4 420 120	
- 100 104 108 112 116 129 240 228 132 134	
SIANIC MERCITIOS	
TOO OT	



	Paga 112
	Array, initialisation.
	2°01- 008[] = &1,3,2,6,83
	2n+ bar[5] = \$1,2,9,5,6}
	37/1/1 2 337
	what ed.
	201
	2° 1 - c 2 (5) = \$ 1,23
	1 2 0 0 0
	int dor [2] = {2,4,4,6,4} if no value is
	2°n- der [2] = {2,4,4,6,4} if no value is given.
	12/4) Yerror
	(1-7) 1 2 8 1 0
	getting 2°nput>
	the heard-L
	cirson: // usez input: System allocates
	cirs>n: 1/ usez input: system allocates
	7.44.4079
	2nt arr [n]; progream.
	Soif the User entered
	very large no. neusch
	extends the memory
_	Jo, This is the program
_	a bad praesièce, can be crash
	To prevent this, we use dynamic
	Arrays. 611





	Ent arr [5] = 53,5,8,9,123
	0 3 -) dax [0] = 3
	1 5 -> arr[17 = 5
	$28 \rightarrow arr(2) = 8$
	$39 \rightarrow qrr [5] = 9$
	4 12 - arx [4] = 12.
	program via loops. (printing)
	Int arr [5] = \$1,2,4,6,83 011 12468
	int n=5
	for ( 2nt 2 = 0; 21< n; 2++) {
	cout << arr [i];
	}
	13/3///
	Taking input in array
	Ent arr [5];
	for (int i=0; i(5; i++)}
	cinss are coj
	3
	formula tor trading Endexin any Array:
	arrsig > Value at (Base + datatyfe
	2°dex)
	12 1 4 19 16
	0 1 2 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	Base Holdress - 104
	022[2] -> raiat (104+(14x2))
	= 112
-	Scapped with CamScapper

	Done Person
	Arrays and functions.
<u> </u>	
<u></u>	Solve ( int arr[], int size) &
[,,-	30000 (144 48123)
J	11 code.
ļ	3 0.611.00 -
·	1- (1) (- 1)
<u></u>	int main () f
\[ \]	int arr [5] in now of
	en- gizc =5";
2 11 6 8 1	Solve (arr, size);
	2 · 14 · 44
	we com't use size of function.
	CUZALO ! [1] YED >> -11193
	12/3/1/1
	Size - we want only this not
	fun amang size.
	\$ ( 4+9 ) = 3 1 6 0 = 3 +490 00 00 00 00 00 00 00 00 00 00 00 00 0
	(10) (11 bet 12 2) (10)
i	count o's and I's in an Array.
T-[	me may ay.
	0 1 1 1 0 1 1 0 1 1
31010	de t sees to suich (Ease the
- ( x = x = 2	325 1954
	0 +23 D +2345
	Teso count - The count
- 710 000	10 - 210 (- 210 6 10 10 10 10 10 10 10 10 10 10 10 10 10
- Ca * C1 - NC	2)-10101 (-3) Elseo 201 (10)
	= /12



	- Min no in away
	Food Header file
	Sest practice "Limites
	int maximum value = INT_MA
	1420 no> man Anc minimum value = INT-MIN -X
	INTENAX
	Max no - mare ans
	INT-MAX
	I hu we apply the condition.
	The tree of the content of the conte
	it (arr [i'] < min Ans)
	minans = arr Ei]
	man Aris
	-) Reverse an Krray.
	1/2 10 20 30 40 50 Wiltin forchin
	Swap (a,b)
	1 2 2 2 2 2 2 2 2 3 3 3
	50 40 30 20 10
	Day Left 20 Righ = 500 4
	DOYPON LEFT 20  10 20 30 40 50  0 1 2 3 4
-	0 1 2 3 4
	Swap ( left element, right element)
	left +t.  (199) (20 Right ', SCA)
	(443) (500 mg/m)
	[132]37 XE)
	P D 3



	Date Page UR
	# vonile coop context
	213-616-61
	2 254 2 L R J 45 83
1111	in Halzation
Larpa	allile (Conda)
	\$
	body / logic.
	TAIL MAI
	Mupdayipway piggs sis and in
	3 ( ) ( )
	1 ( sut wind & Edd xxx) f
	- Contains
	-> Extreme prim-, in an may.
)	0 0 0 0 0
12-109	10 10
( d	0 1 2 3 4
	0/8 10 60 20 == 0
	0/0 10 60 20 50 30 40
N To	
	Cur we appu Rome
	and print both elements.
	the second of th
( +1.	But for condition
	left = 2 Right
	120 At A THOM
	we only point as s [ left ] or
	day Falant
	To & [Rght]