5/03/2023 inta = 5 mellon and dechar ch = 'a?; int * ptr = & a; char * p = & ch; int ** ptrl = & ptrj int ** * btr2 = & btr1) → double pointer We just have to add stars. int * b = & a ; int * * q = & b; // Pointer to pointer. 308 216 104 216 Pointer to pointer > double pointer.

	Clas	SMAte
282	Date_ Page_	1
A		

	282 Date Page	
	Cout << &a > 104	_
	cout << a > 5	
	cout << b > 104	
	cout << & p.j 216	
	cout << * pj - 5	
	cout << 9; 216	
	cout << & q j 308	-
	cout << * q j 104	_
	cout << ** 4 5	
	IN A THE STATE OF	
	104 -> Address of a	
	216 - Address of brinter h	N
	J 7 value of a	
	308 → Address of double pointer q	
		_
	* q → Value present at address which	
	HIS SLUYED IN O.	-
	本 大 Y , ¬ Value byesent at a 1 1.	-
1	in #q i.e. block p value i.e address	_
* * *	608 508	_
(x)	508 208 208	_
	ps py p3	
1)	a can be reached	
	1 * * * * b3 * * * * * * * * * * * * * *	
	**************************************	_
<u> </u>	bl can be reached win III when it is	_
	pl can be reached via pl, * p2, ** p3, ** b3, **	_
		_
3)	b2 can be reached via b2, * b3, **	\
	*** p5. ** ** p3, ** p3, ** p3, ** p1.	\
	193 N. 24 61 April 6	_

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4 p3 can be reached via p3, * p 4, ** p5
5) p4 can be reached via p4, * p5
6) p5 can be reached via p5.
$\frac{1}{1} = \frac{1}{1} + \frac{1}{1} + \frac{1}{1} = \frac{1}{1} + \frac{1}{1} + \frac{1}{1} = \frac{1}{1} + \frac{1}{1} + \frac{1}{1} = \frac{1}{1} = \frac{1}{1} + \frac{1}{1} = \frac{1}{1} = \frac{1}{1} + \frac{1}{1} = \frac{1}$
Exp main () {
$\int_{a}^{b} \int_{a}^{b} \int_{a$
int * b = & a
cout << "Before" << endl;
cout << a; //5
cout << b; // 104
cout << * b > // 5
util(p);
cout << "After" << endl;
cout << a ; 1/6
cout << p > 1/104
cout << * > 1/6
3
util (int * b) {
b = b + 12
* b = * b + 1 >
3
Lange Wireles Dillo State De Still De
Here in function copy of bointer is created &
hence the address stored in p will not get
changed
104 208 316
\$ 6 104 108
a þ
main
As the util function is over, I will be deleted
As the util function is over, I will be deleted 4 hence address of \$ is 2084 it has stored 104
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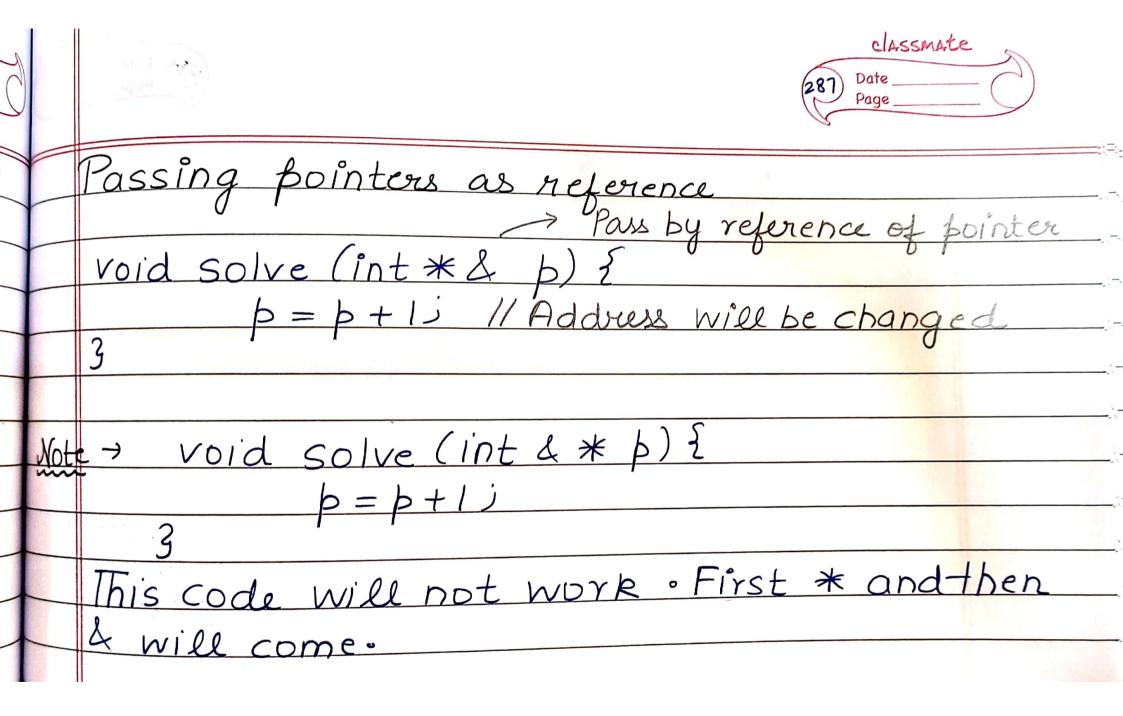
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	eld justical and a page
1/0	e > 9f we try to do
YYU.	** ptr = * ptr+1, this will
	give us an evolor as we are
	trying to store address in
	integer block which is not possible.
	308 216 104
	$216 \longrightarrow 104 \longrightarrow 5$
	ptr p
	** pty => block a
	* ptr = address
	pointer
Χot	int * * ptr = p j 3 Will give ever
	1 + 5
	To replace the concept of pointers, reference
	variable concept came into picture as concept
	of pointers is basically difficult to understand.
_	The state of the s
_	Reference Variables
_	The concept behind this is that we can call the
	Same memory location by different names.
_	the trans don at the design of the first of
_	int a = 55 1 Au st min stadion decipies
_	int & b = a; // This means that his a reference
_	variable & pointing to some
_	memory location.
_	b++;
	cout << a << endlis 1/6
	Cout << b << endl; 1/6
_	86
_	the a, b
_	Here symbol table is also
	updated

	CLASSMAL
286	Date Page
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1	Page
	Pointers vs Reference Variable
1)	Reference variable is used because it
2210	can not be set to null whereas pointers
W m	can not be set to null whereas pointers can be set to null. Hence it is safe to
**	use the concept of reference variable.
9/4/2)	Concept of pointer is difficult to
	understand.
3)_	Also concept of reference variables is used to pass by reference.
	used to pass by reference.
	JE 4000 F 114 % *
	Pass by reference
	N1 (36) 1
<u> </u>	Void solve (int 4x) { // Pars by reference x++; concept
	x + t Concept
3 - 1	Care the concept of the theory and a major in
Jason	int main () forther dames
0 11/1	and intrace 500 minus
	Solve (a) j // 6 is printed
	cout << a ≥ ✓
25	June and this is that swe can and
	one winery produces by the tener to come
	In This concept copy is not created &
	In this concept copy is not created & original variable will be updated
Mole	> void solve (in+ *x) {
- Wille	*x = *x + i
	3
	main () { inta=5;
	solve (fa);
	cout << a; // 6 is printed
	2 Printed
	or All In the second
j	21 101 1 1com
	1.07.01

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