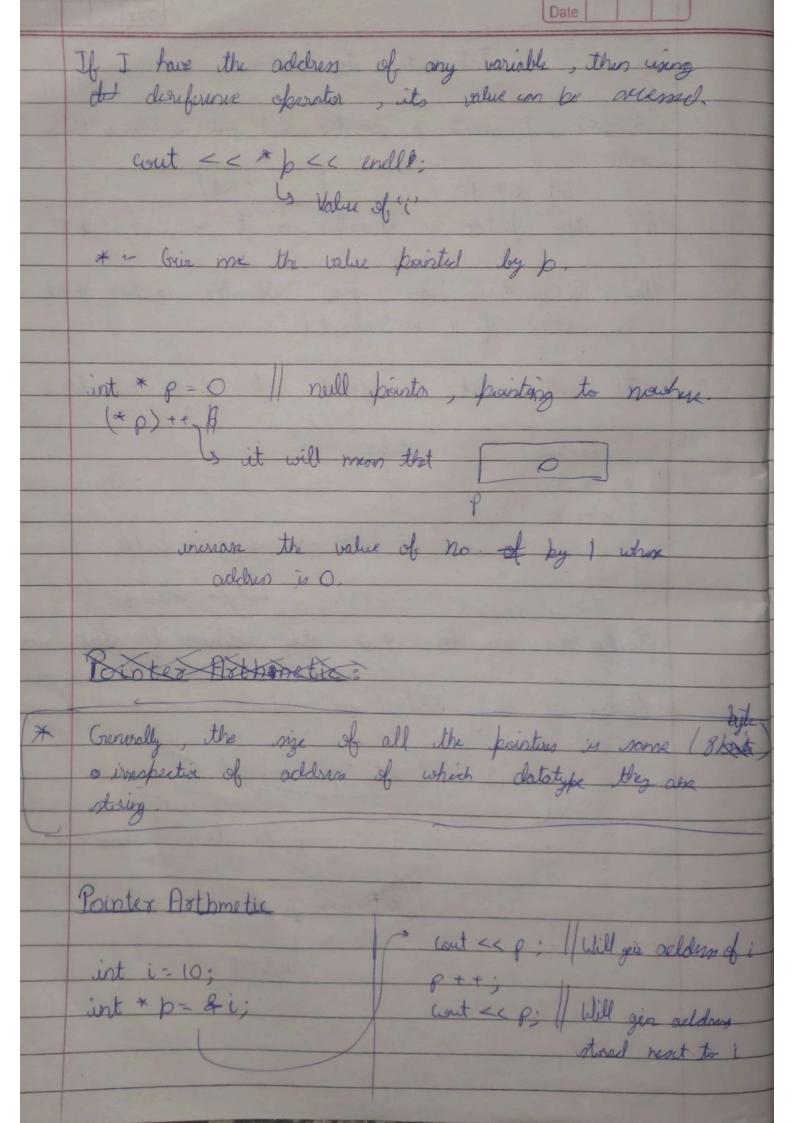
Introduction to Pointer
Suppose, I create a variable and and untol initialize it a
int i = 10 (byk)
And then perform an operation on it :- i=i+5
The war perform an operation on the
Now the question arises, how will the system know where
Now, the question arises, how will the system know where the value of i is stored?
It will when is symbol table first, the address of ""
700
i > 700 700 j > 800 (0)
j→800 k→790
cout << & i < condl;
buill give address of i
Pointers are variables which store address of older variable,
(+ il +: all a : baintin:-
Syntax of storing address in pointie:-
(int * b = 2i)
"p" is a pointer to an integer
agent EC p < and!
addres of i

-



This kind of operation is upd is array.
D 1 0 0 +
Arrays and Printers:
int a T107. // declaration of oronge
cout << a: Both will aim the address of
int a [10]; // declaration of arrays. cout << a: Both will give the address of first element of array
Hence "a" can be treated as a pointer.
a [0] = 5. a [1] = 10
cout << *a* / 5 cout << *a* *(a+1) // 10
cout << *(a+1) // 10
Henre , it's element of an array con be accepted by * (a+i),
Now looking at sams differences & blu Router 4 array pointer.
cout << a Both will give address of a)
(cout < 4 a (Will are address the brief is the addless)
Now, reports memory is being created to store a".
A []
int * ptr=0; size (ptr) => 8
Separate memory is initialized to bourter.

	Characters and pointers
	irt a[]=21,2,3};
	dur b[]="abc";
1100	
	cout << a << endl: // Gries address of first element
	went << b << endl; // the will go to first element of array
	& start printing all the values till
	it encounter 10°
	(s "abc",
	char * c = 2b[0];
	cout << e; // on will gir "abc" or orthut
	char cl = 'a'; char * pc = & cl; // it will go to address of el, start printing the values till it ensurety '\0'.
	1 * 00 8 0) · // × · 10 1 00 00 d 1 1 t 1 1 1 1 1
	con pe = 4 et) / it word go to addition of et, mart printing
	the when till it enternely \0.
Outful	to act a
	garlage value (lossibly)
	grad of the state
	The state of the s
	Double Pointer
100	Point to orenkolo while declaring a pointer:
7.7.5	the second
	*
	Variable name of
	derryte of conside prointer,
	whey address is
PART	being stored

Mow, if a pointer is storing an address of an integer pointer then it will be dellared as:

Jika address

store kar

The hai