## Assignment No. -9

it for uninitialized pointer to NULL?

then it is considered as NULL pointer.

· NULL is considered as macro which is defined in a station header file.

The value of that macro is zero (0).

Le that pointer is not initialize then it may contains garbage values in it.

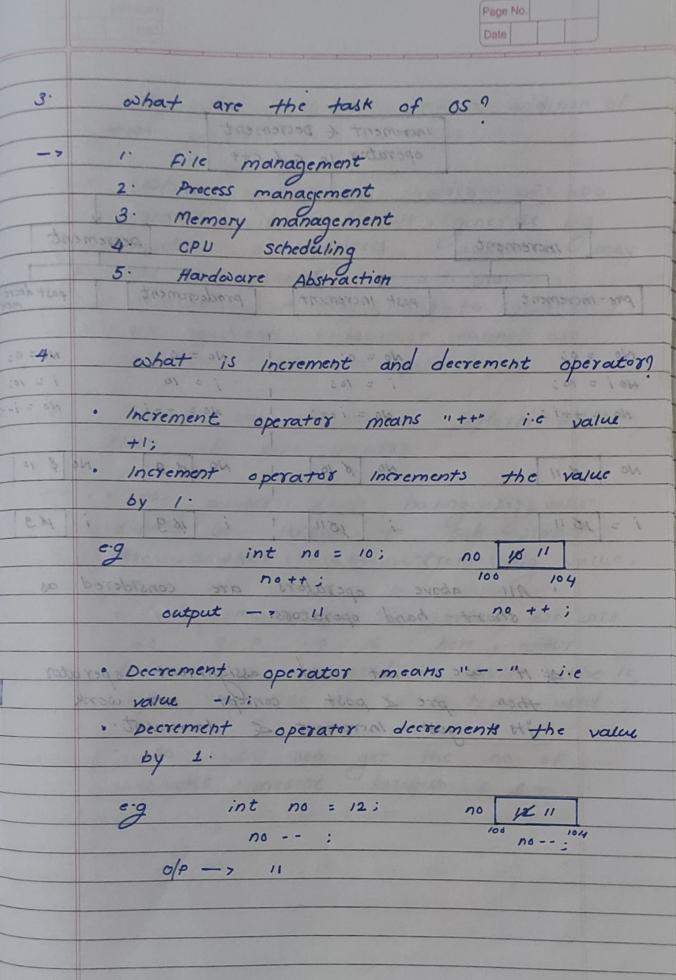
- o Due to this uncoanted garbage value created a it may leads to run time

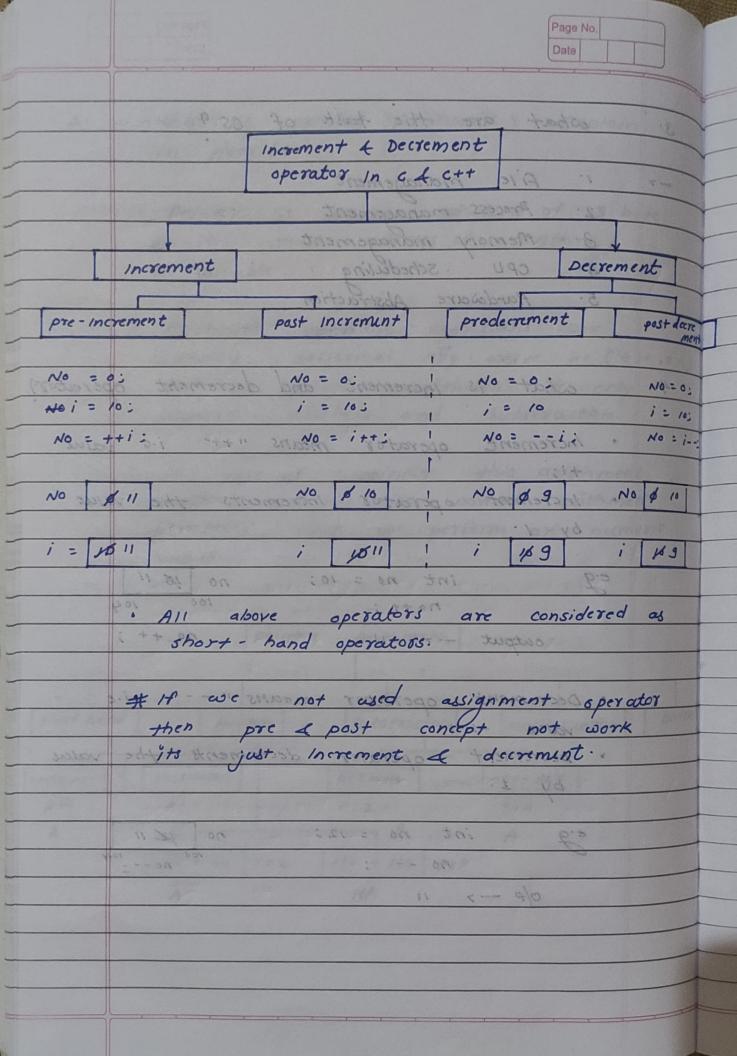
  failure. (Run time accident) (segmentation fault).
- · To avoid this we use the concept of

  NULL pointer. In the second discountry the

ptr + No Prz. | ptr + ptr | p+p

AV





5. why we cannot perform addition of two pointer.

pointers it will generate big number or address which is may not be present in a process, therefore It may leads to errors or garbage, so we cannot use addition of two pointers.

6. what are rules to perform substraction of two pointer.

The pointer which having big value should be used to sub-Ostract the smaller value from big value.

do 9-p i.e 16 here, after

substraction we need to divide the 16

by the size of (data type) used.

blocks present between p & q.

No II

		Page No.
		Date
7. what is declaration, defination		
	initialization 9	
00	· Daciaration - minimum	ica o
6	allowanso Mos declaration is con	nsidered as
	a place where there is	
	allocation. A Jassera ad	
1	- At the point of declara,	
	compiler consider name of	variable
	then a ct too pointeraluo	
hstra.	for leg int x : no to	sta sh
	of 400 pointer.	
20	Defination of doings remine	-× " The
4	porte dos pefination is a	concept
1100	where memory for the ve	ariable gets
	allocated as well or its	names
11700	gets register by the compile	ey.
	gets register by the compile	86
	traction are need to divide t	
. 10	the size of Idata type 1 use	49
	· Initialization -	
	40 on sat tis the place d	here memory
	yalue of that variable gets	oldthe
	I value of that variable gets	initialized.
	e:9 int no = 11; No	11

8. Predict output

using pointers then use need s

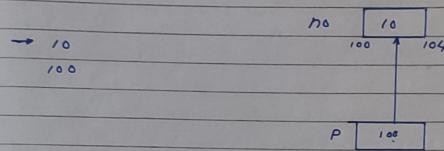
int \* p = NULL; printf (" 1.d", 2P);

printf (" 1.d", no);

printf (" 1.d", no);

printf (" 1.d", +p);

output :



Predict the output 9.

NULL

- Explain how array is considered as pointer & pointer can be treated as 10 -
- · As a programmer when we access any elements of array the compiler into its corresponding pointers representation.
  - As array contains Index which helps to retrive the data at that location so, ose can say that array is considered as pointer.