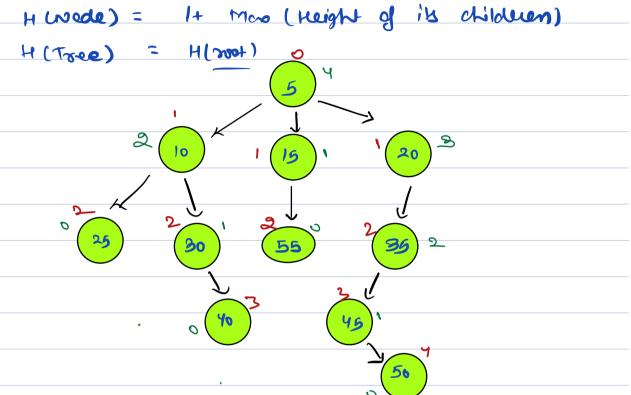
Today's Content:
Trees -> Basic Ida
Teamin ologies
Binary Tree
Traveval Pre Past 9n
gize
Height.
Today's Duoke!-
If you can't be happy with a
coffee, you won't be happy
with a yatch.
)

Leaf Node: - Node with mo child. Root Node: - Node without a favent.



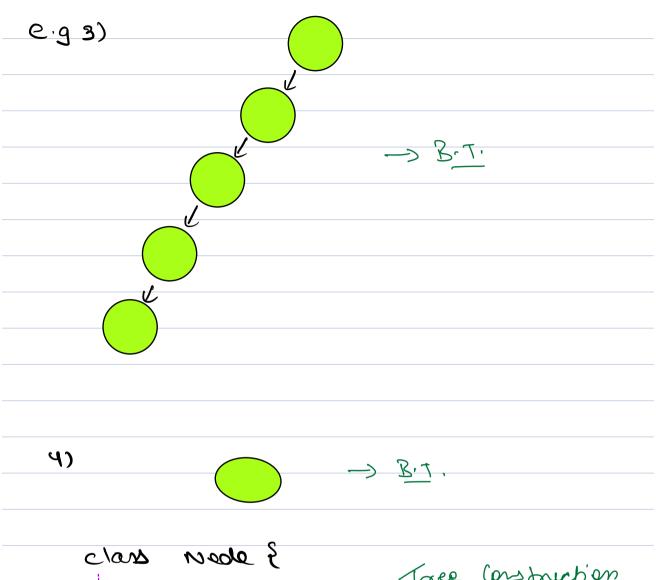
Height wode?: Length of longest

fath from that node

to any leaf mode

Selew it.

depth (Nede): - Longth of fath from mot to that wede. depth (Nede) = It depth (18 favent). Binary Tree: - > Every node can at mas Love 2 children. eg 2) NO+ B.T.



class Noole &

int data;

Node left;

Node signs;

Node (int x) &

data = x;

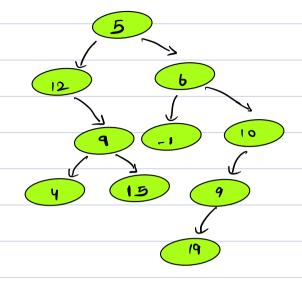
left = null;

3

Tree Travers als !-

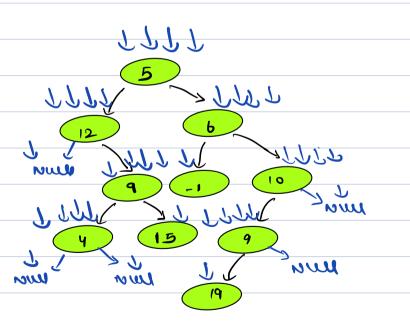


- 2) Presson
- es) postouder

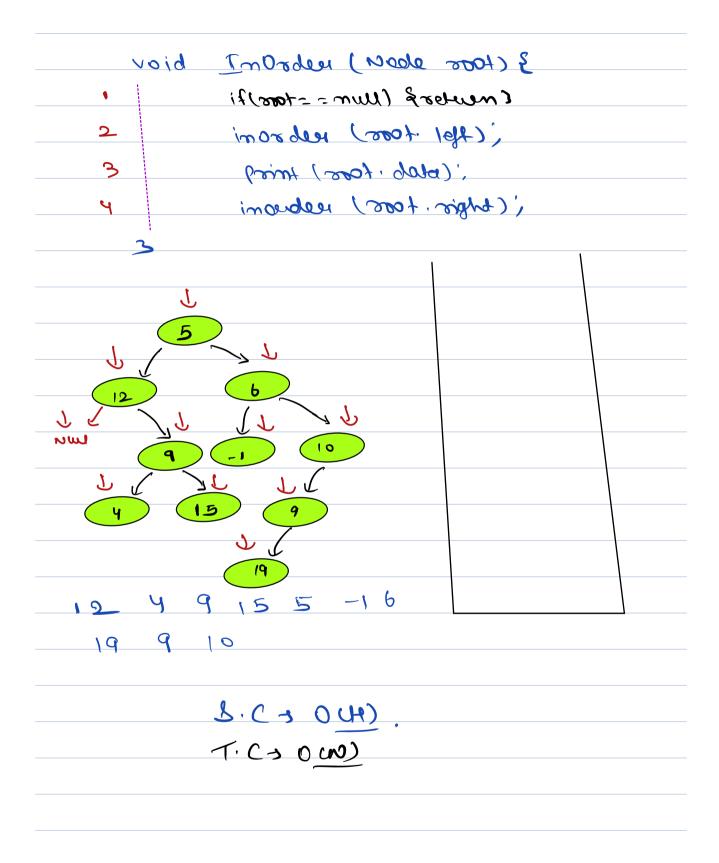


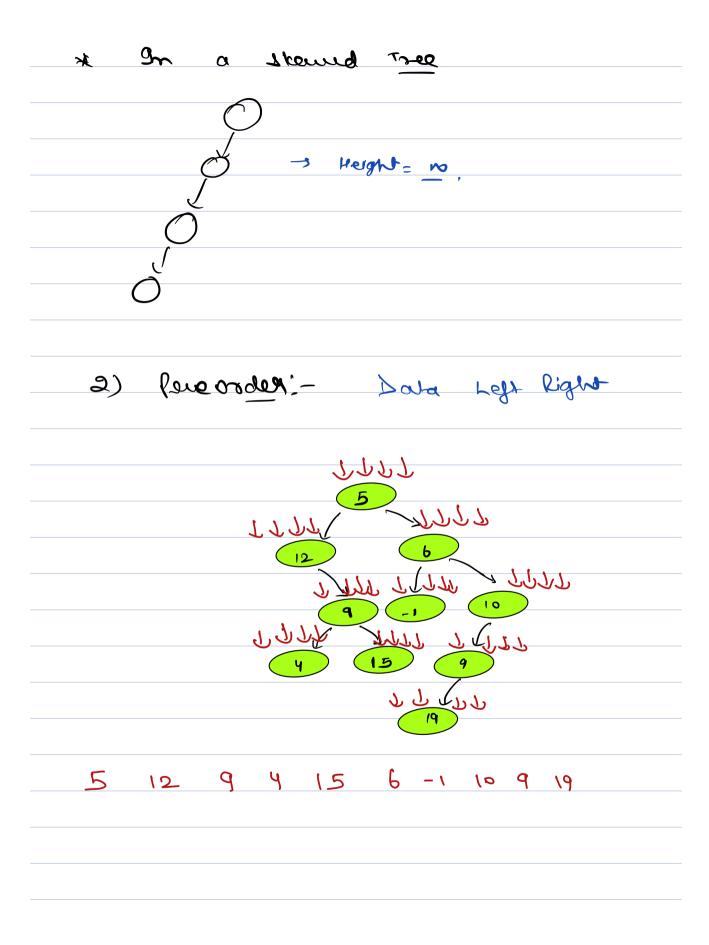
1) InOrder :-

heft Data Right

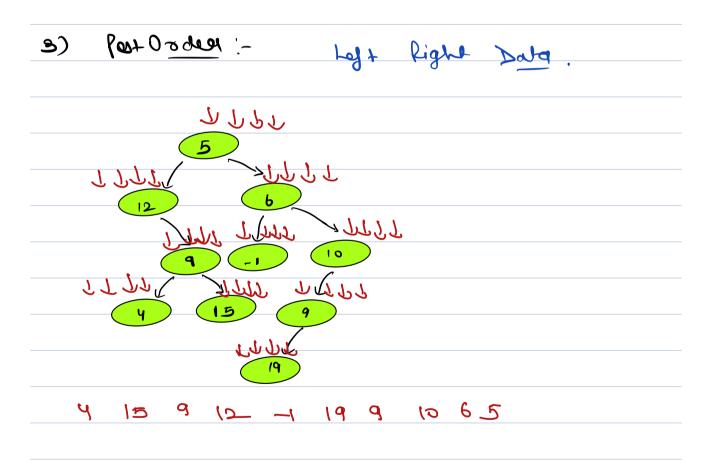


12 4 9 15 5 -1 6 19 9 10

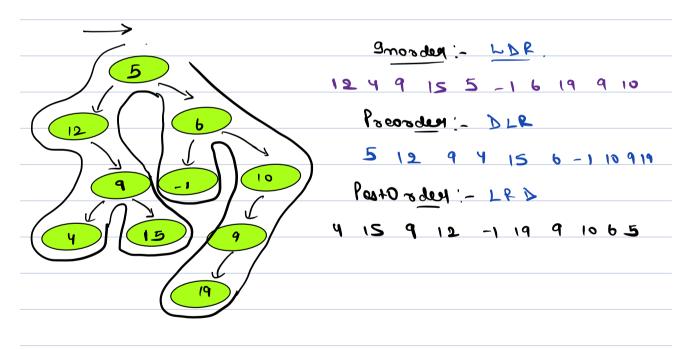


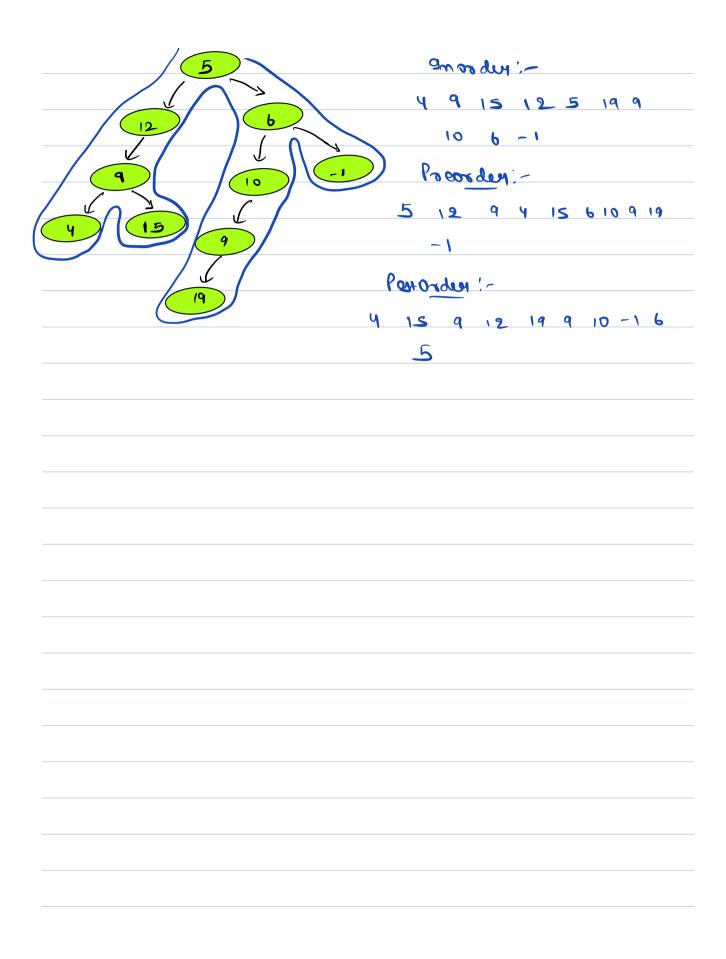


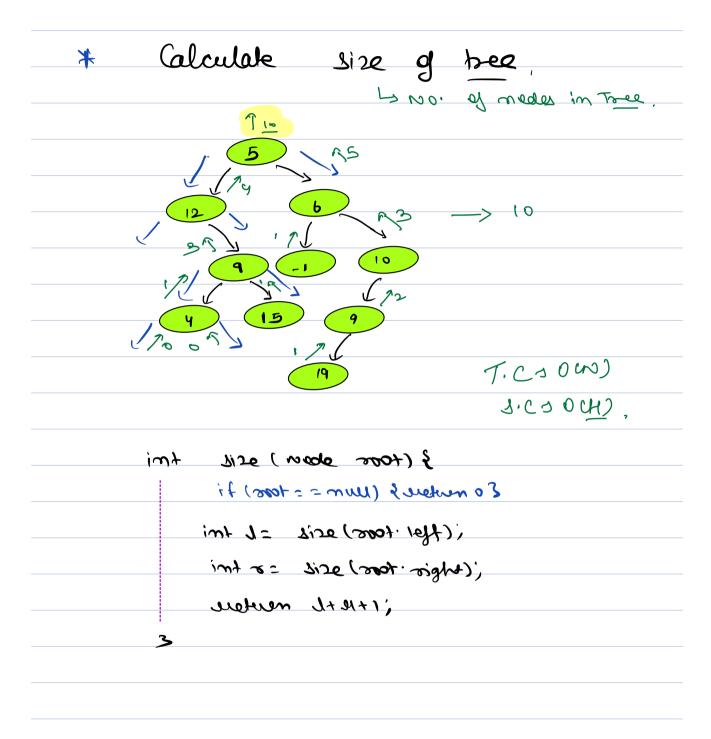
voi	3 (toos show) respands
•	(newbork (lum==torolli
2	"(blob , toos) tring
3	bre or der (root 1eft);
4	(tolgis. toos) restres and
3	1. C > O(N), S.C+O(H).
	4 Day Run - Todo



•	(floor==tar))
2	lot 02 gra (2007. 1012)
3	(tolgis. toos) restro 169
4	"(blob , toos) tries
3	
	1.(-> 0 m)





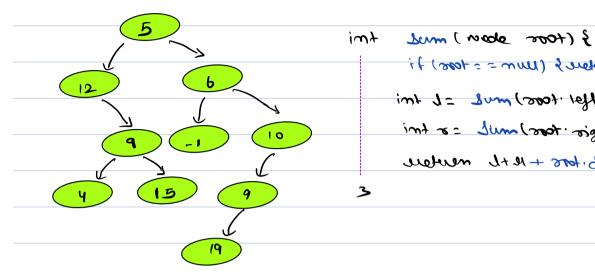


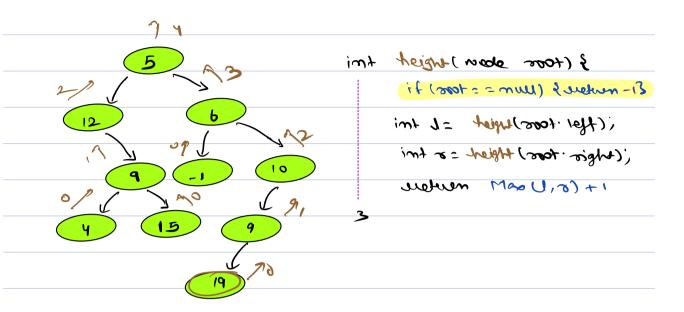
Eo newbert (Wer = = + tops) fi

int 1= 2 m (soot left);

int = Jum (soot oight);

job tors + 11 + 1 mentere





folder Structure

B-Tree, Brisee + indexing in dos.

Syntrax tree:

Red black tree, Aug trees

wednesday

(P.S) > Ludey > 9 pm

6 pm en 5 pm