

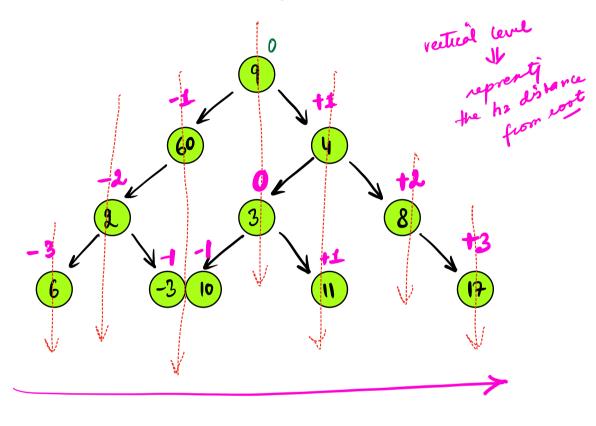
- · Reght to left i- interchage en enquere process of
- · deft view of the treet first node of every level

  every first node will be

  every level

  every
- , Reght view:- wight to left fist node

## vertical level order traversal



6 2 6 -3 10 9 3 4 11 8 17

# preorde:- Root up eight

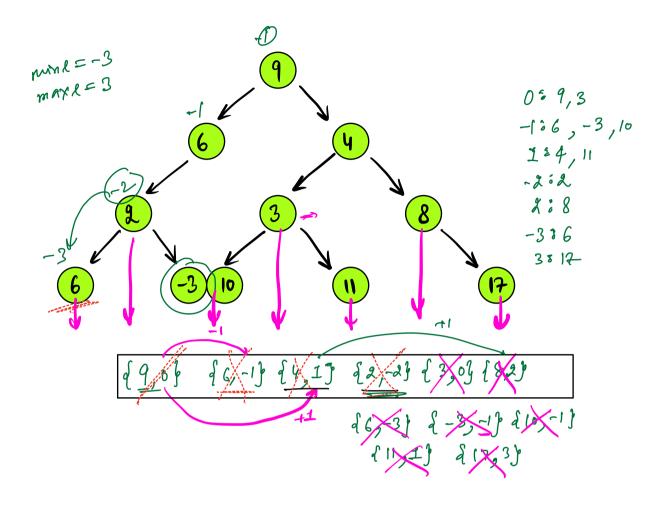
0: 9,3

1: 6,5

-2: 2

1: II

Bevel order Transmal



HM < ent, lest < Node > > hm; maye = 0 queue (poir 2 Node, ent >> 9; mine = 0% 9- enque (1 root, 03) whit ( (Node, into temp = q-front() If get your node & level (level)

| maxl = max(maxl)

| mode in HM (minl = min()) Il put your to left child in queue level -1 11 put you eight child in queme for ( mind - mark) Il get the list from them

top view -> first nodes of every level bottom view -> lost nodes of every level

perorder — Root L R

10 1 5 2 6

10 1 5 2 6

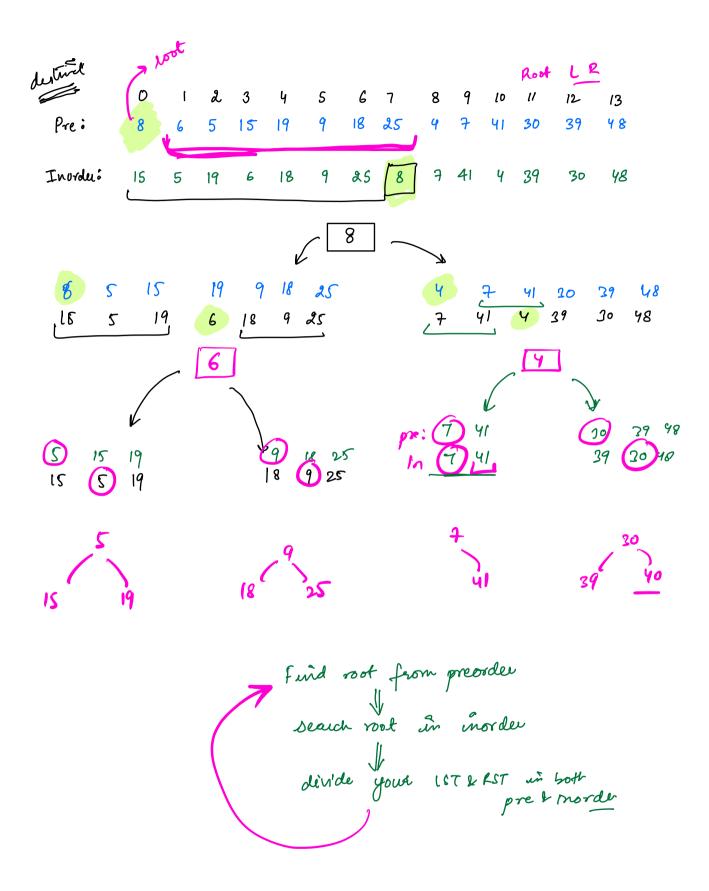
10 1 5 2 6

Post: 4 10 1 5 2 6

Front Right

Worder: 4 10 1 5 2 6

L Root Right



construct will creat the fee on the wais of mofpre & will return the Node construct ( in pre [], int ps, int pe, int in [], int ins, int fne) g Sf ( ps > pe) who NULL; Node temp = new Node (pre(ps)); mt ind =-1; for ( mt = ins; 1'<= ine ; 1'++) if (qu[i] == pre[ps])

d end=i;
break; ps+x+1 temp. left = construet (pre, ps+1, ps+x, in, ins, ind-1); temp. light = construct (pre, ps+x+1, pe, in, ind+1, ine);

T.C? 0(n2) - 0(n)- hM

# postrede + morder
# post pre