A Height of a Tree is very imp & int height (node) & sort If (node = non) return 0; =). Diametre of a Tree: Ih = height (node -> 1), orh = haght (node >> r). length of thongest path.

blu ony two nodes seturn 1+ max (lh+ rh); Just add moxi = max(maxi, therh) here. L) Insted of taking max (1h, 8h) +1, do root-vol + max (1, r) > Max Path sum insted of returning height, return max might pathsom A Vertical Order Traversal (Level order) Maintain a map (int, map (int, multiset (int) st).

x-axis y-oxis multiple values at each zoordinate Maintain a queve < Transdet, <int, int >> for level order => Top view: you just need x-axis; i.e dist from root, and only stor the first node which is on x-oxis at top. - Bottom view: Exactly som, dijust in the map store the last node on x-oxis (i.e that sime) · basically remove the condition. Right/Left View: The map key stores now I've instead of line no. like previous once, rest same. (ta)0: joto of water of the

you also go has the ball assets the theorem too.

with a complete the same