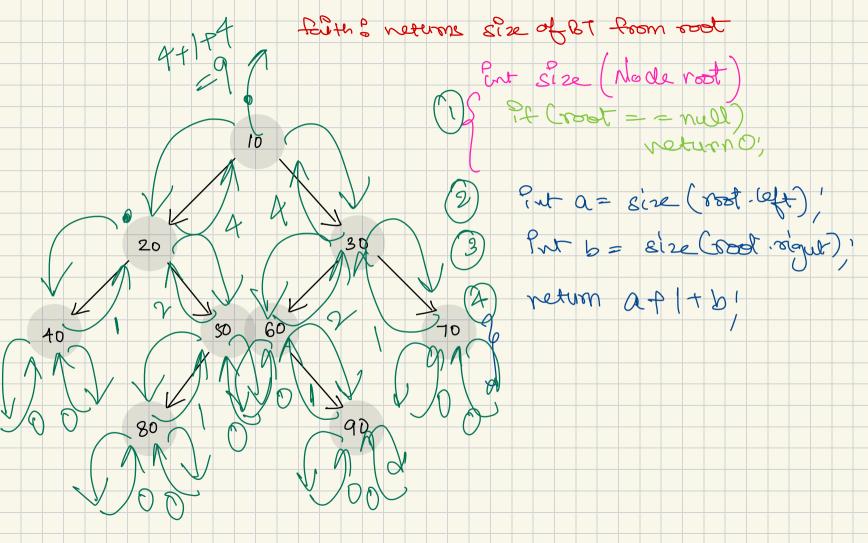


Agenda
o Size, Sum, Marc ^M and height
o Balanced Binary Tree
o Diameter of Binary Tree
o Level order Forvereal
· heft view
o zig zog Tronossal

Size of Binary Tree the given BT Nodes faithe 10 30 20 60 40 refuen apb; 80

Tol though (n e) Center En co) = n -> o in dec no. Iron Fun Confaits recurrine call Base Case

teun o return size of given Binary tree from root Ent fun (Node not) stare Care if Cord = zml) (nt a = fun (root 12T); (nt b = fun (root 12T); fun(10) = No. of Nodes in 251 + 1 + No. of Nodes in RST fun(rot) = fun(12T) + 1 + fun(RST)



Sum of Binary Tree : Sum at all the Modes of BT Out rest. data + 5 Sum = 450 faith. Sum of BT from given root Int sum Node root) 2 if Coust == null veturn 0; int a = sum (vool left); 40 int b = Sum (root or glut) return a + not data + b; Manimum of Birrory Tree man"= faith: manx of Bt from not int fin (Node rost) of (rot = = nul)
net m - o) int a = fun(root reft); int b , fun (rot ngur), netur many a, b, not data) -150

height of given BT height = 4 ust Preight Node root,

