





faith: glive the diameter of the tree Starting from root, int dlameter (Node root) diameter passing through root. 2 = hLST + hRST+1 overall dia = more [2, 4, 2]

faith: returns Edianneter, heignif of the finen BT trom root. Smarl Let Dia, Ret Dia, (Let he rether)

Rether

Rethe Ediometer, height J

Balanced Binary Toree ? it each node in balanced! Est sale balance Balanced Node tree le balon cad T hist - hest ) < 1 faith? returns is thee balanced from a gum boolean is Balanced ( Node root ) 20 30 40 50 80











