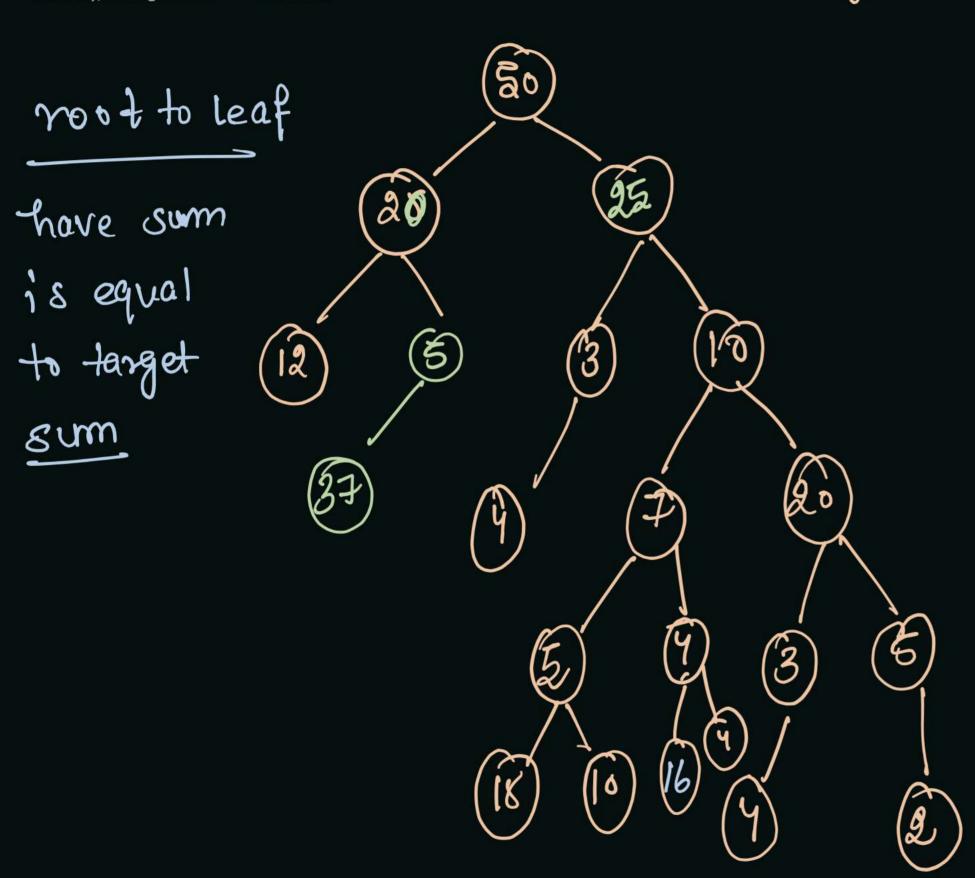
Saturday, 28 August 2021

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tangetsm= 50+25+37= 112 [&o. 25, 10.7, 5, 15]__, 112 [50, 25, lo, 7. 4, 46] -> 112 [50, 25, lo, 20, 3, 4], --- 112 [50, 25, 10, 20, 5, 2] - 112

[5.0] [55] (5 [2] 50,20,5 50,25,10,7,5 Implicate - [So, 25, 10, 7, 5,15]

Res - [50, 20, 5, 37], [50, 25, 10,7,6, 10] --Subhests Poth 80 for
sum Sofor

If (root-left = = mil) & root-right == ruil) &

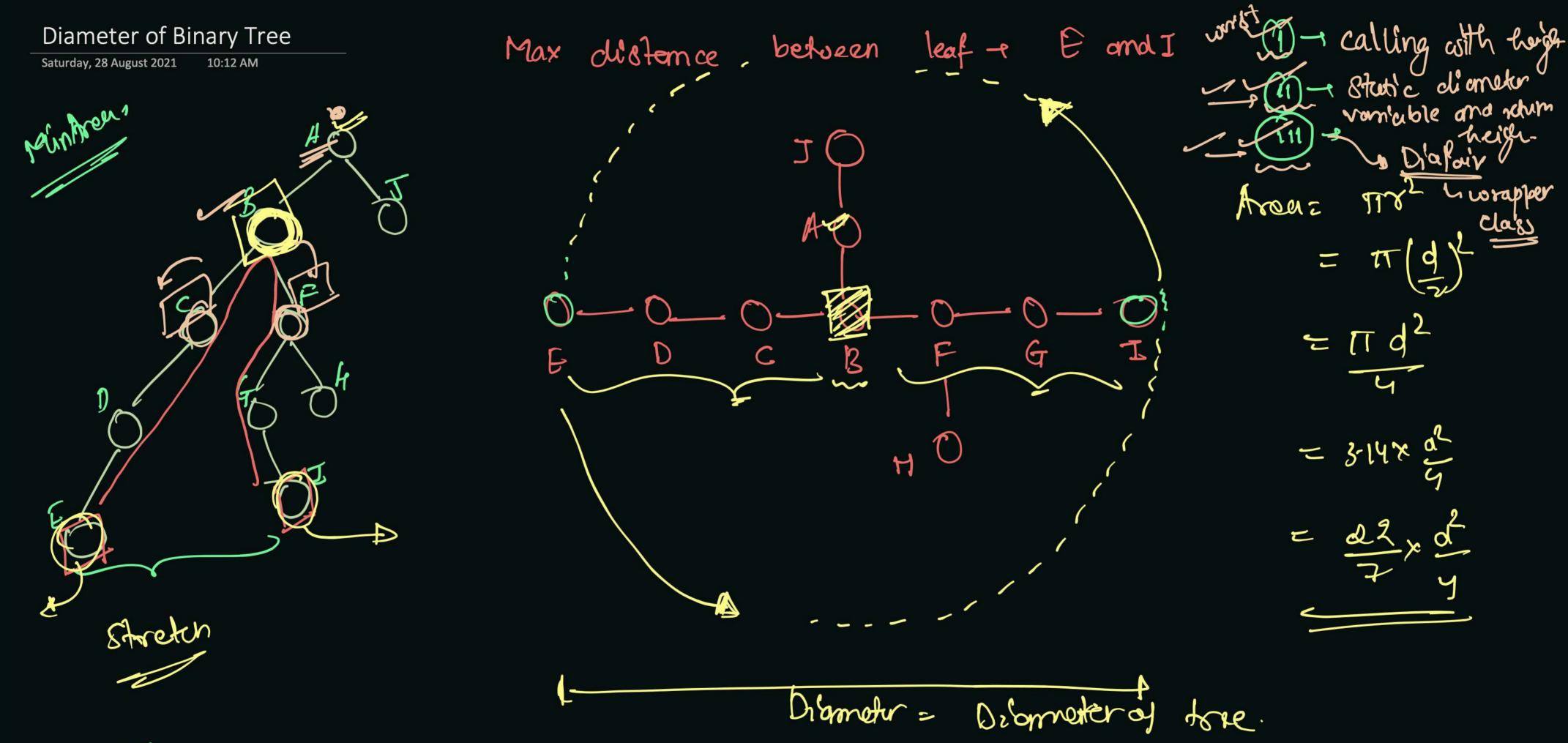
if (seft root-val = = tanget sim) }

Create a duplicate subres

and add val in it

and duplicate in firelies

who



d'inneter => Max distance betoecn too leaf

B) Tas Olembro max distance Leaf Two = 6 + 1 + 2 = 9 left subtree thank also a diformation Similarly, Right subtree have also a dismeter left subtree diameter Companeton > Right subfree altomates Diameter jassing through Room

Two leaf (poeth sum) = Diameter of Tree Dependency on height Depency on Max sim Between Root to leaf

max pooth is passing through Rostleft - Root to leaf move puth night 1 Rost to leaf mer pouth Buth sun= left + Right + Proot-val Root is part of puth.

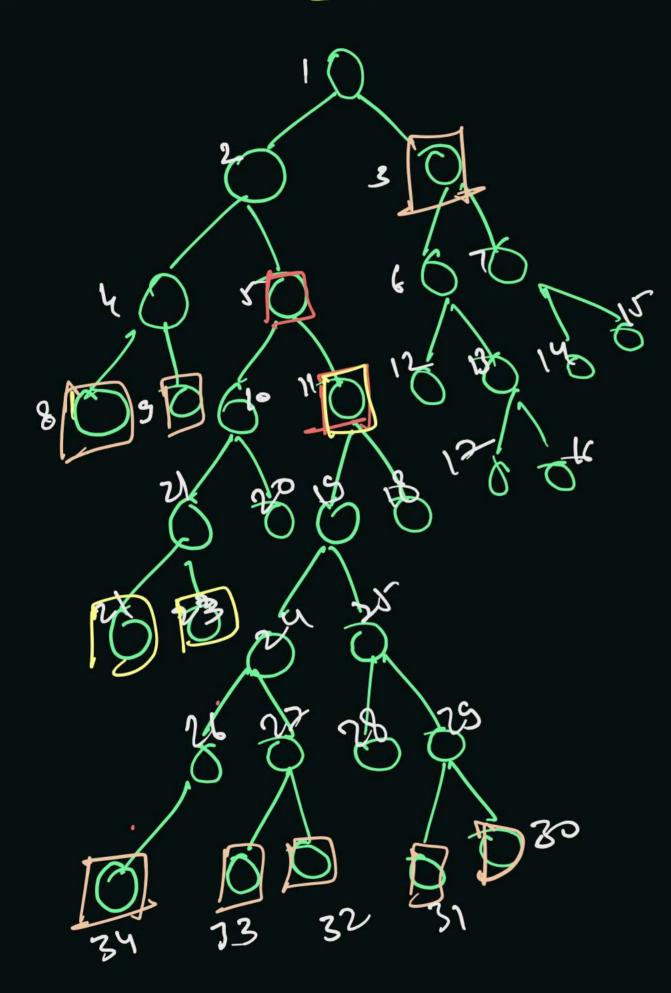
three Methody

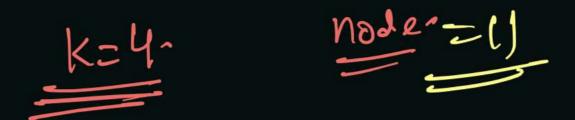
(s) Mode to leaf path. 14) wrapper class Contable (14) wrapper class Contable (15) C Result

(I) [left subtree - mar port b] w two leaf Til Prigert substra — mar porth 6/20 for leaf Saturday, 28 August 2021

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31 33 32 31 21 23 8 9 3

