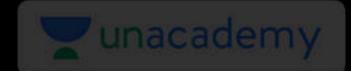






## Trees - Part VIII

Course on Data Structure



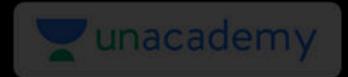
## CS & IT Engineering

Data Structure

Tree



By- Pankaj Sir





## Topics

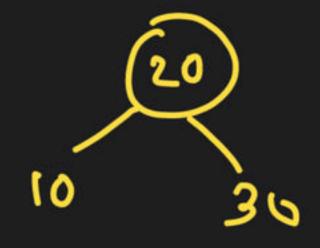
to be covered



1 Tree-VII

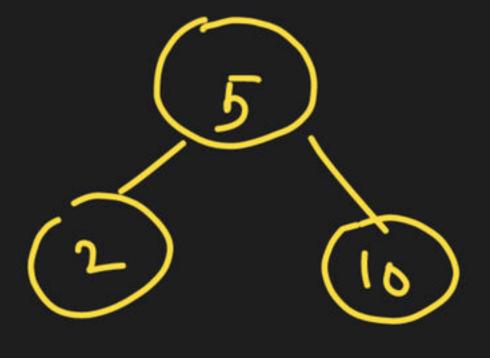
1) Insert Reys 16,20,30 10

1st way! Tri-node structure
10,20,30

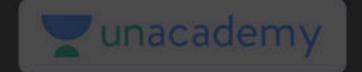


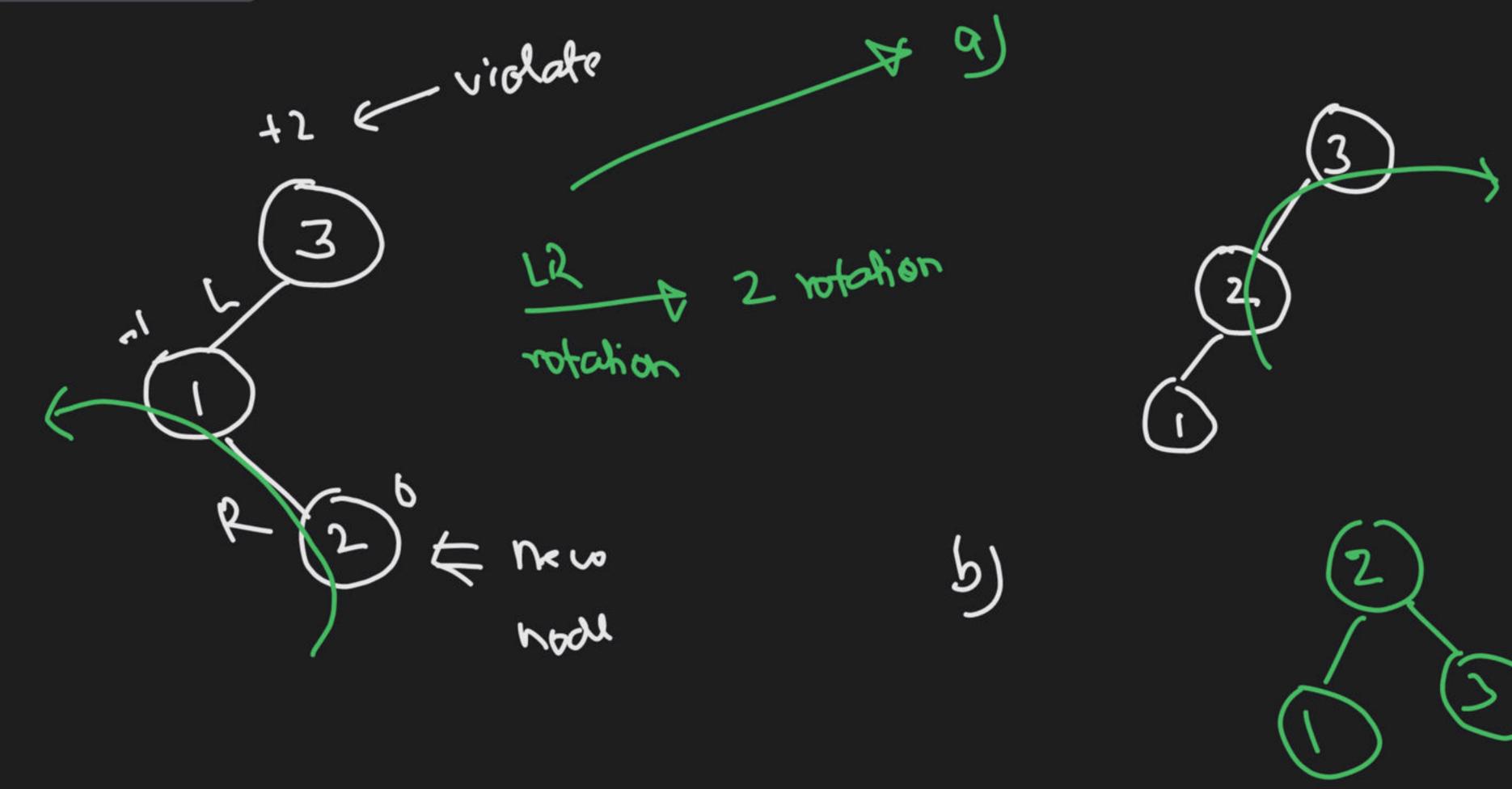
10,5,2, violate Insert 41 new hode





3.) uncademy 3.) Insert 3,1,2 Thi-hode 1,2,3 +2 e violate mtation ≠ nca node



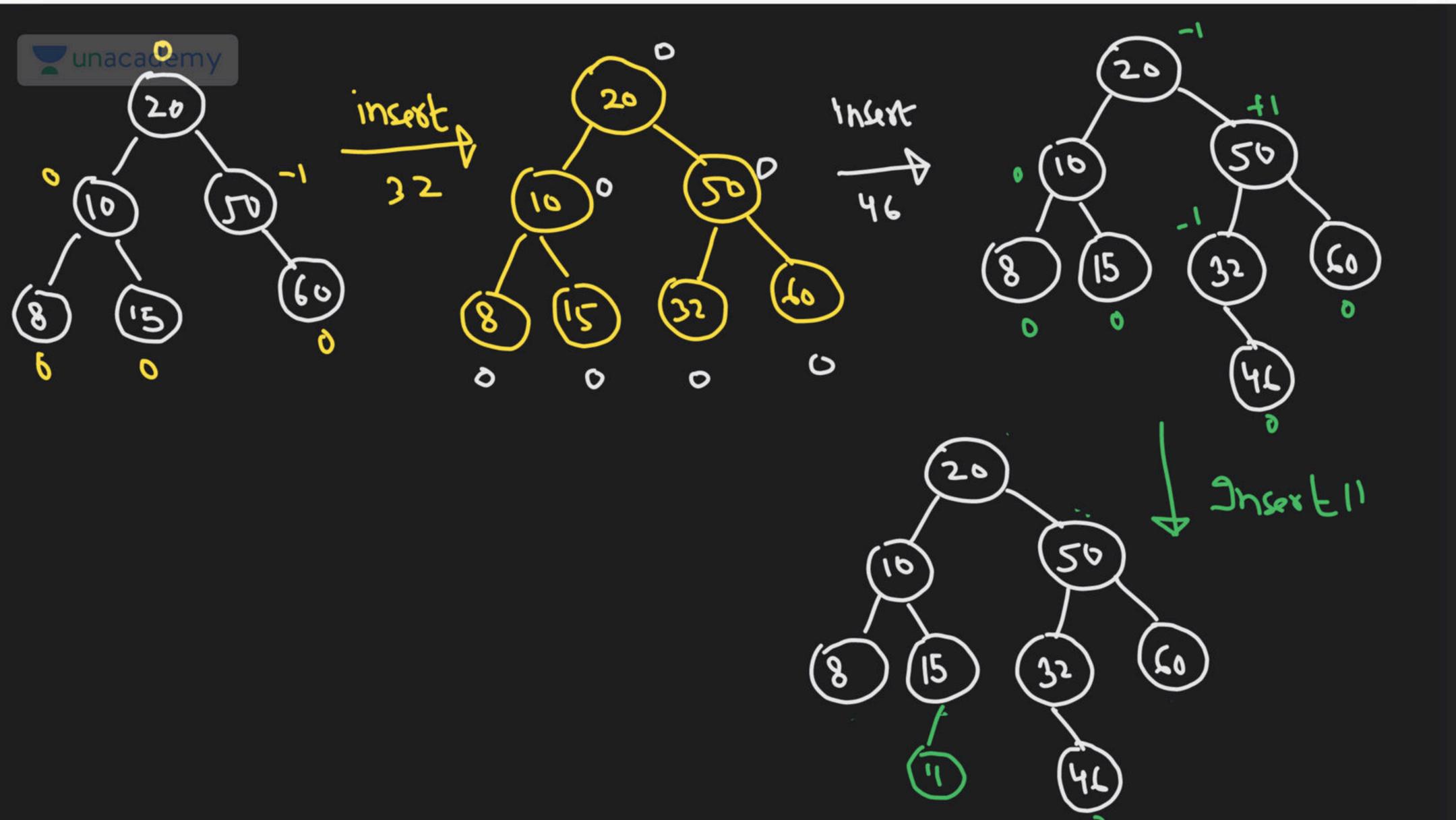


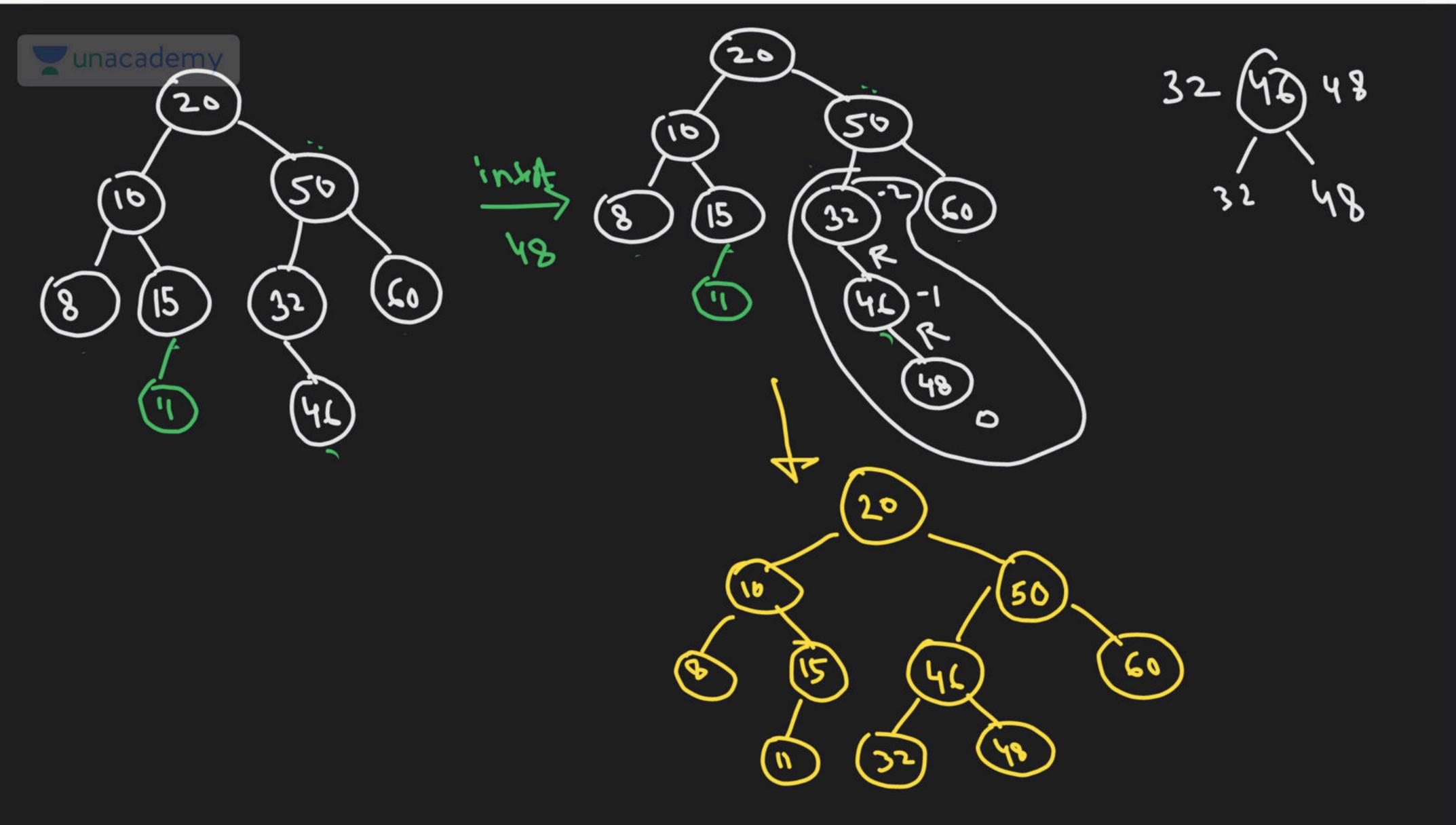
unacademy

1) [[ rotation] Single rolations
2) RR rotation ] double rotations
4) RL rotation

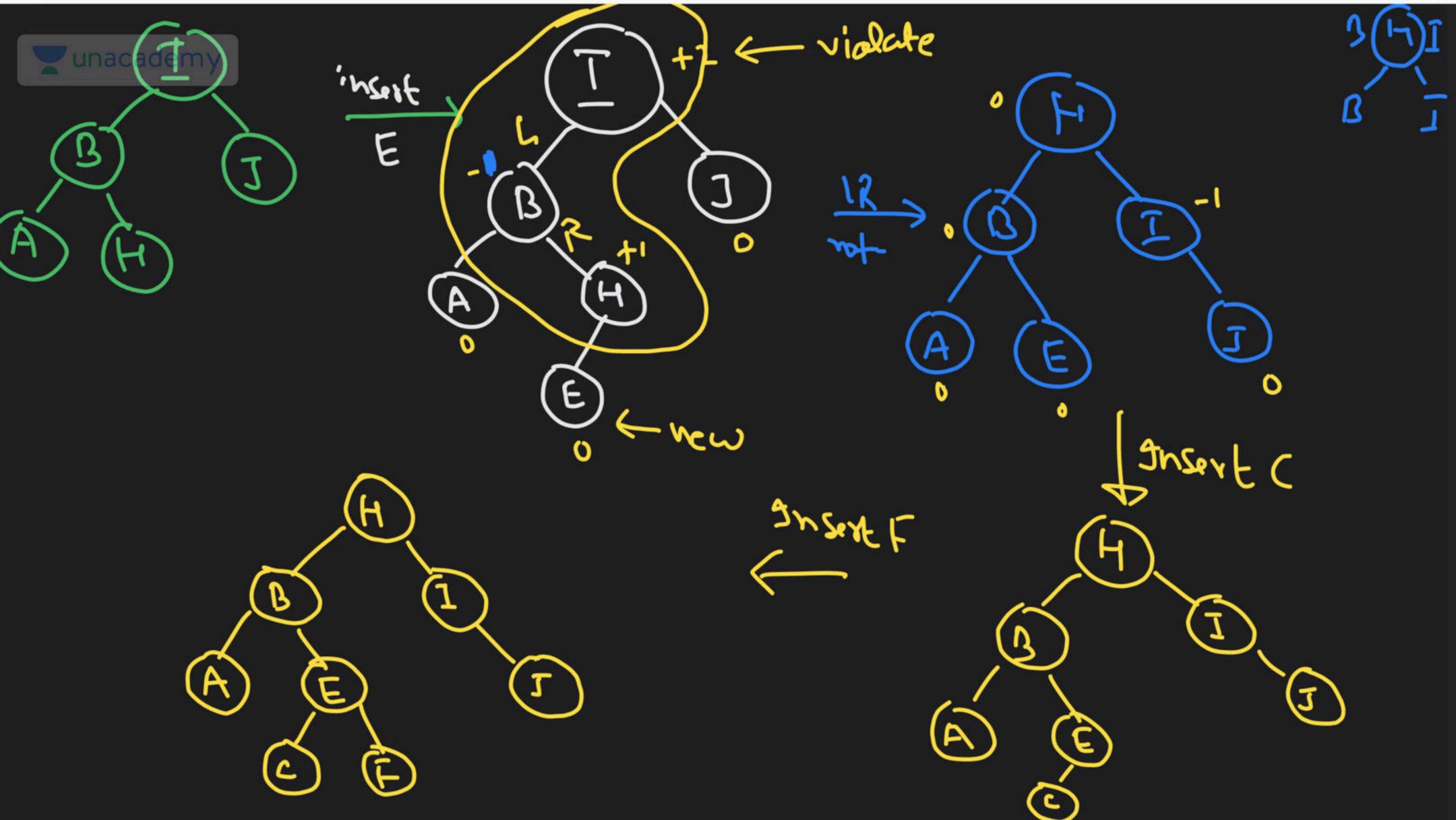
an AVL tree by inserting Beys. 8,10,26 50,26,60,10,8,15,32,46,11,48 insert 4 20 whatish

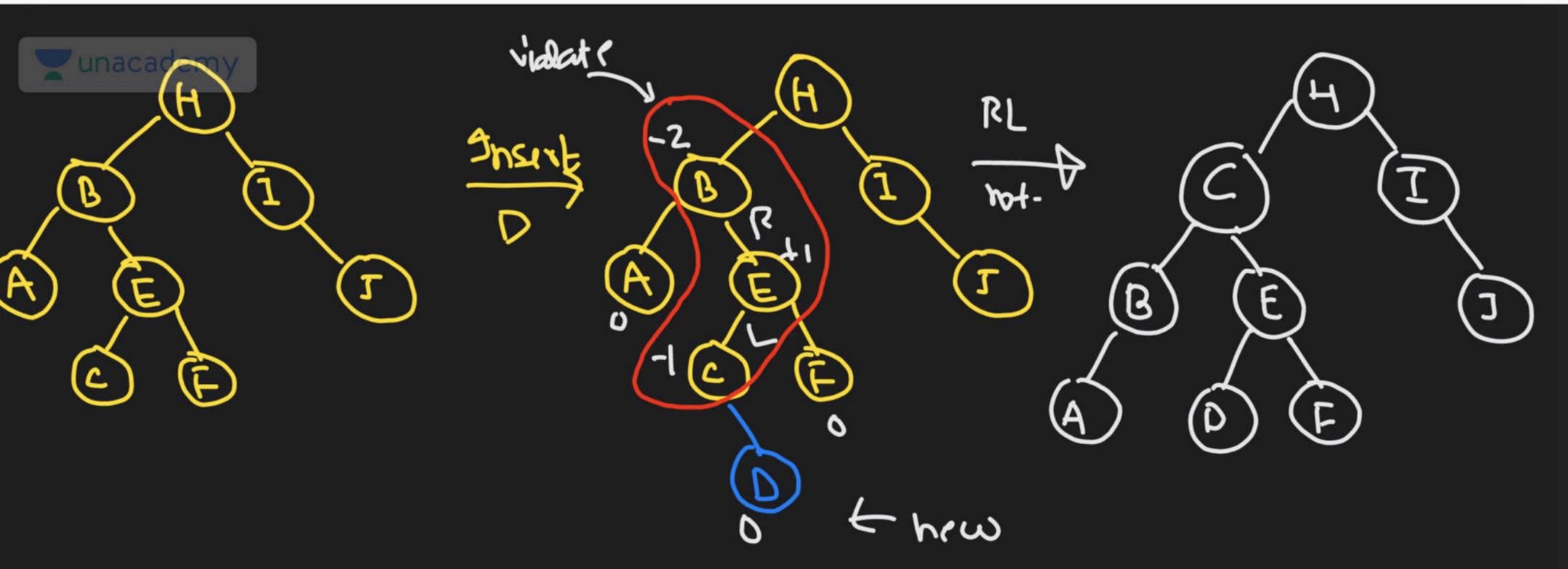
Construct an AVL tree by inserting Reys: 50,26,60,10,8,15,32,46,11,48 ¥ insort 20 LR Lo 6

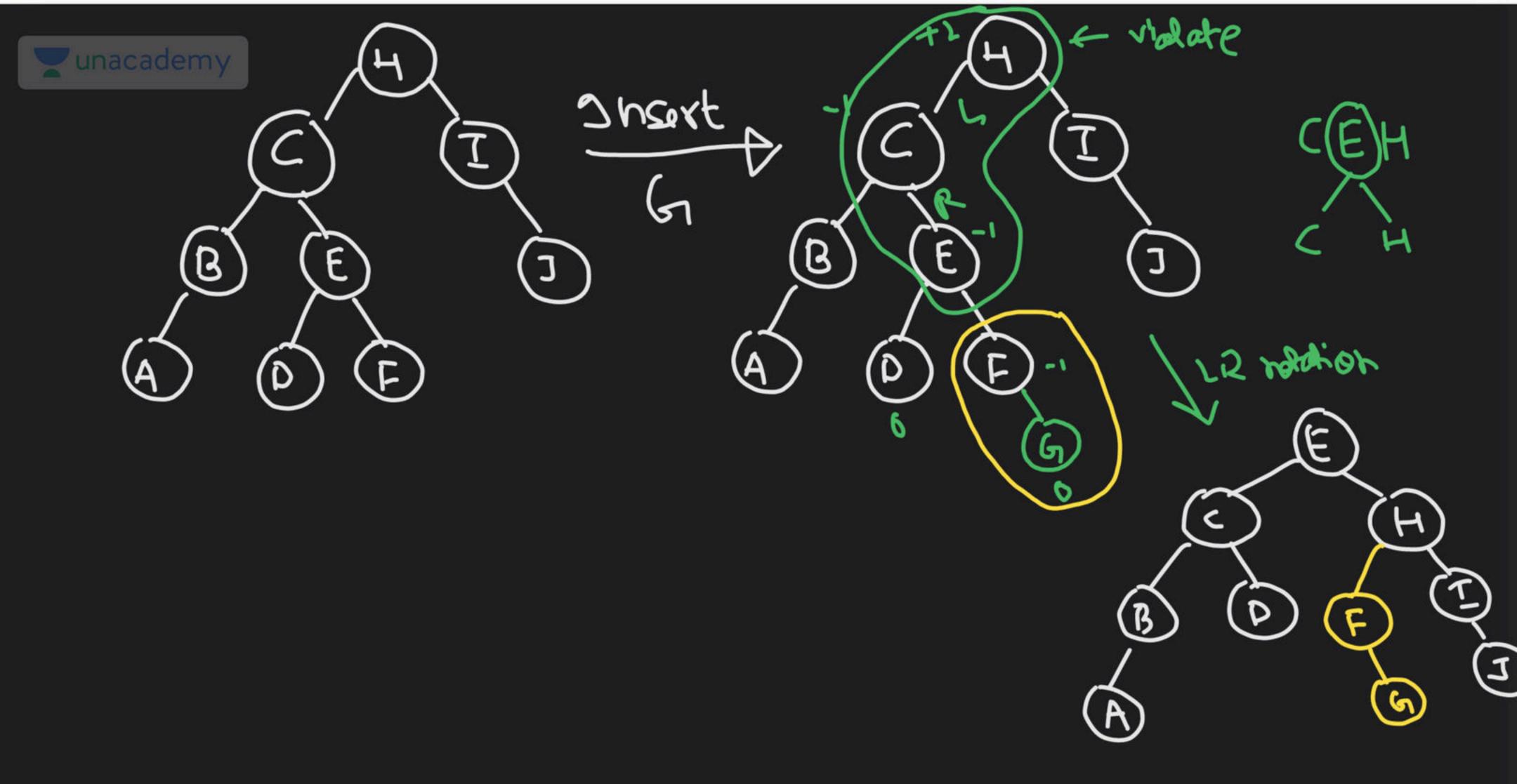


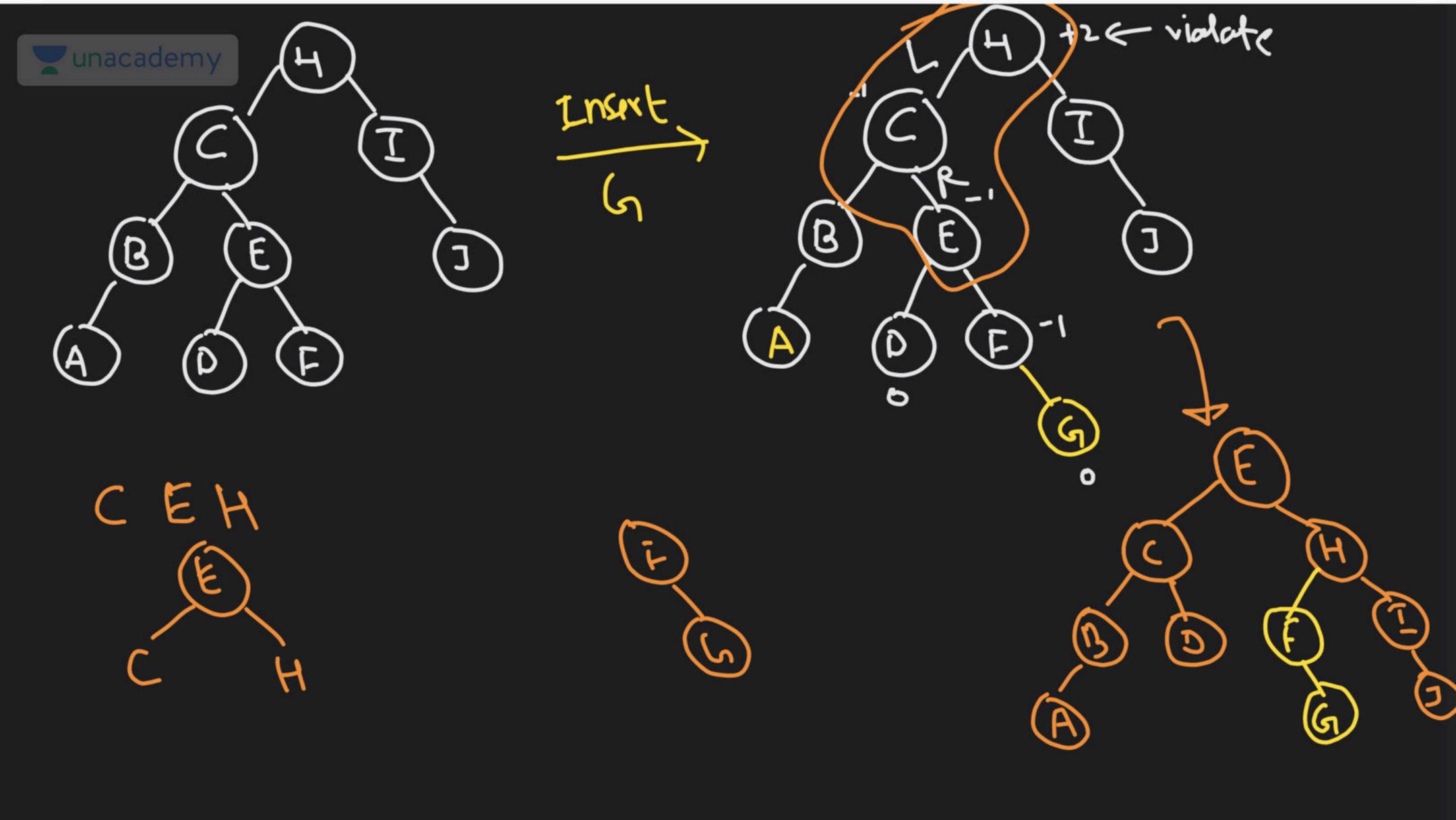


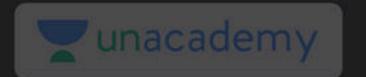
2= Conster Avil tree inserting H, I, J, B, A, E, C, F, D, G, K, L in ovder



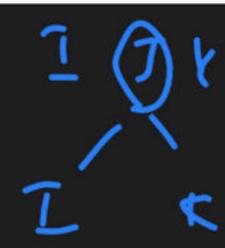


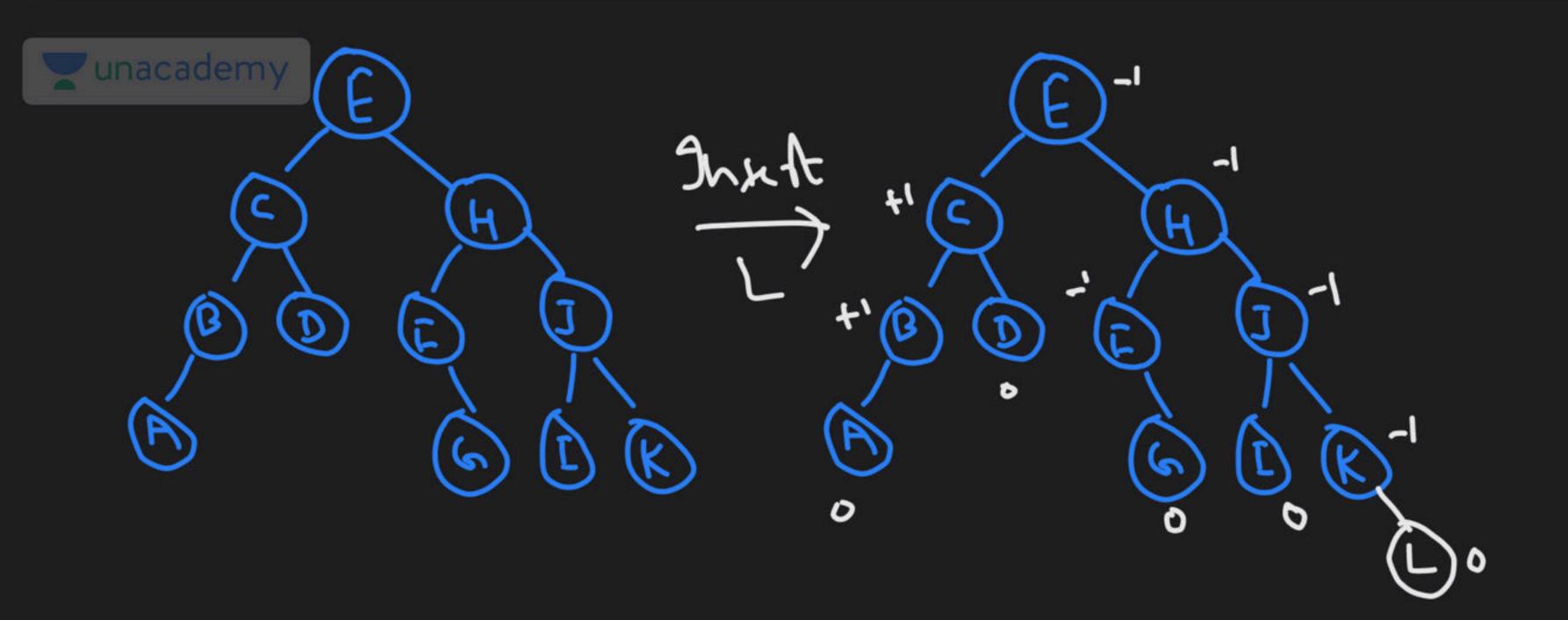




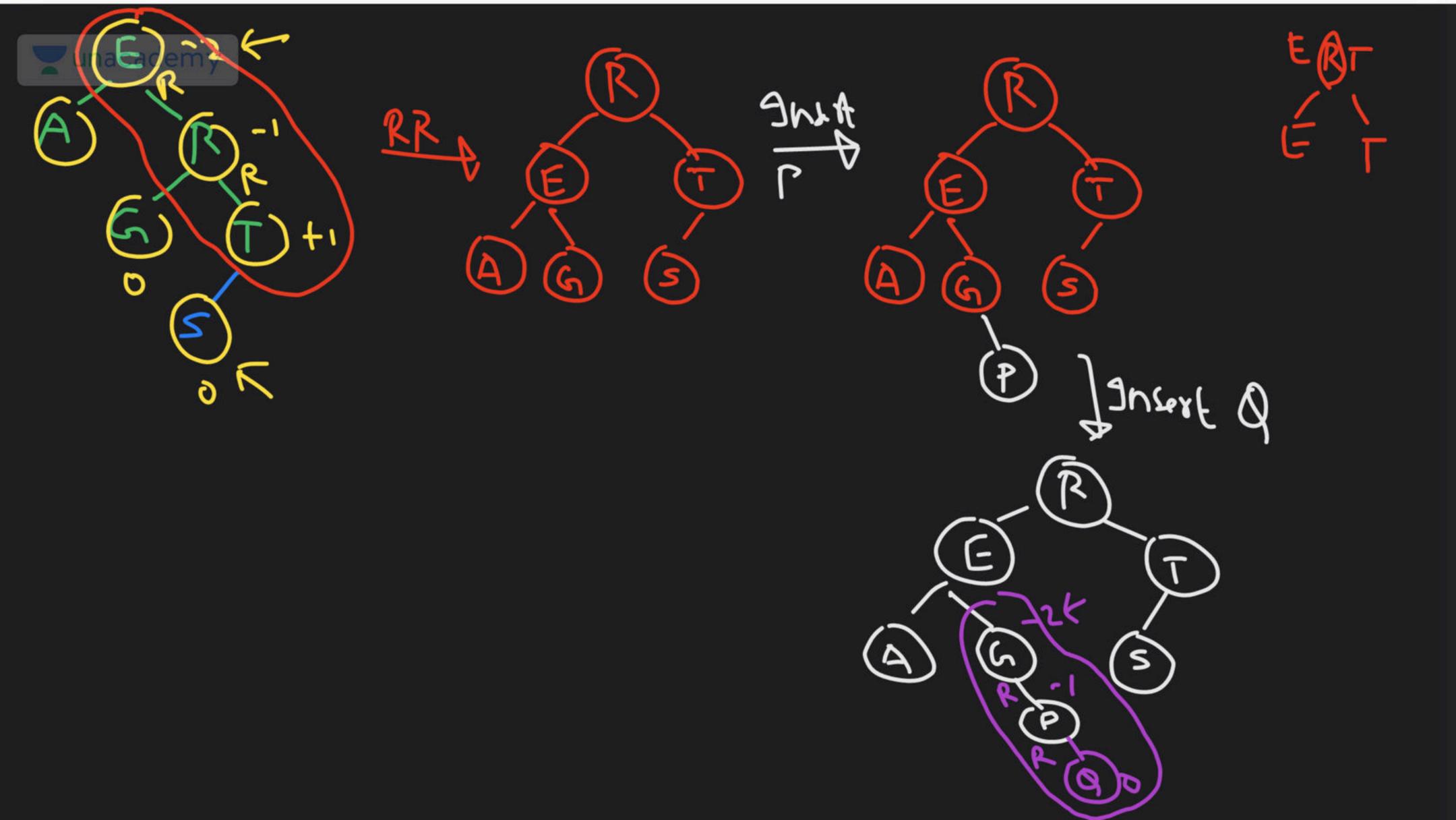


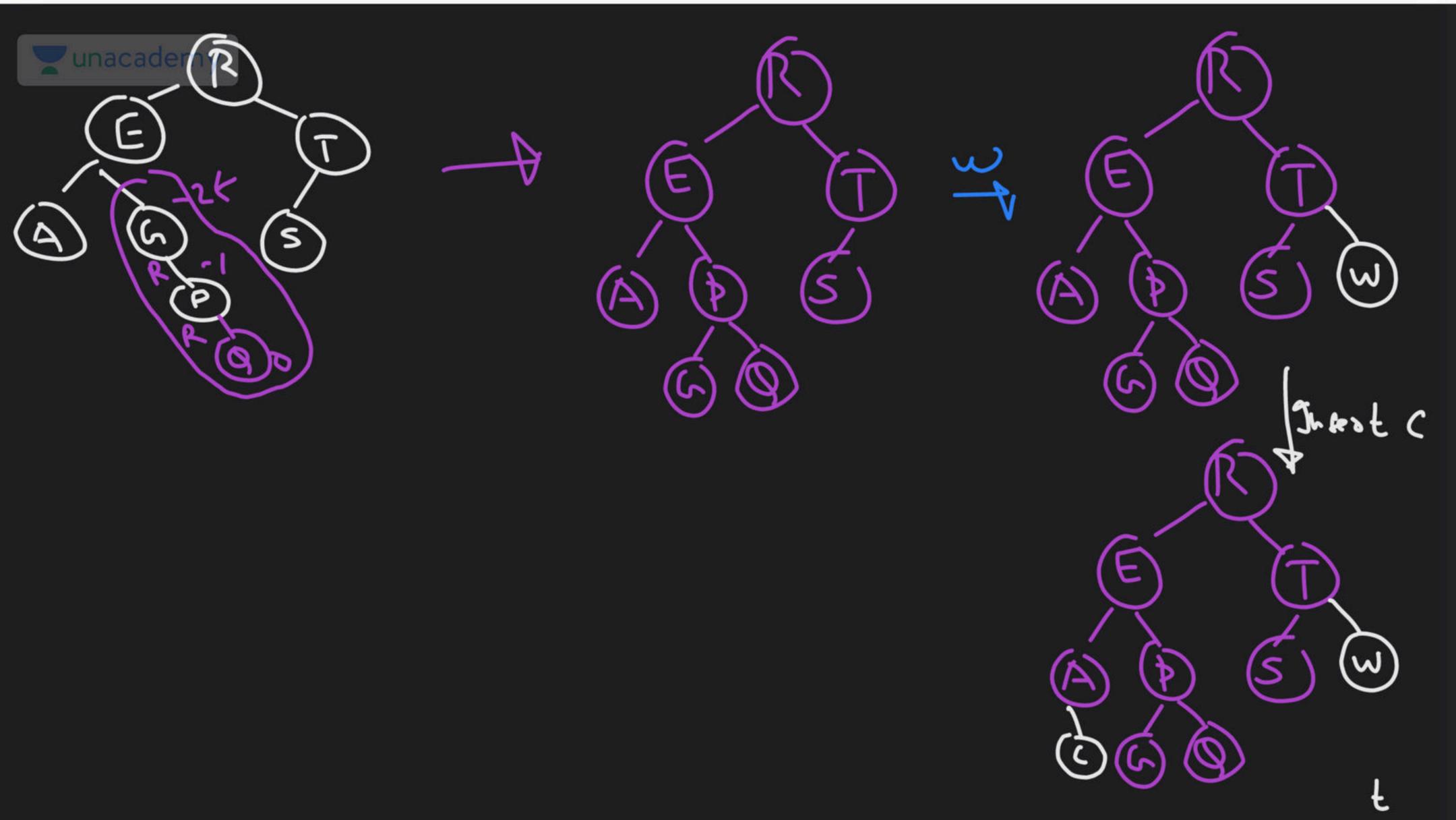


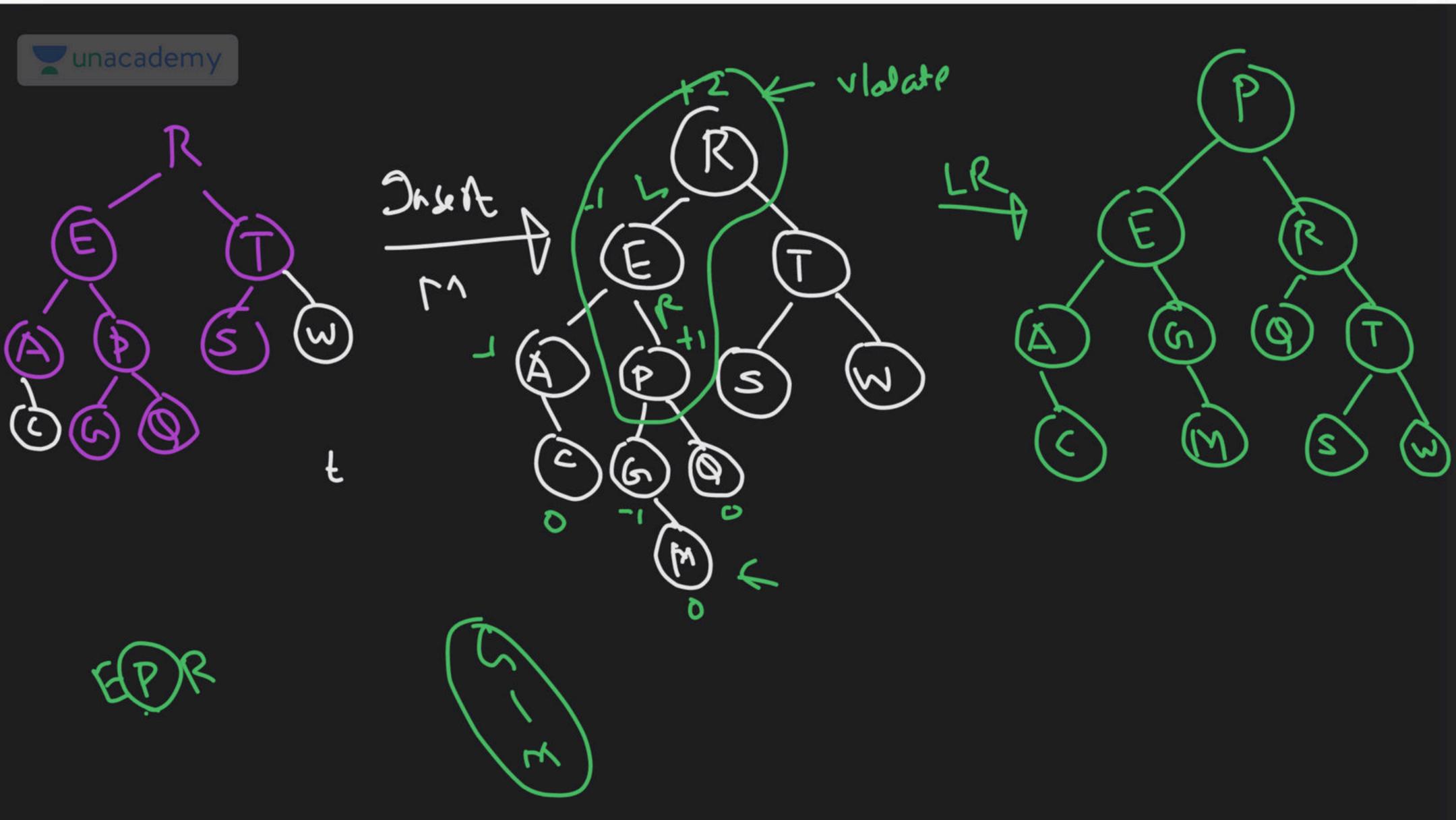


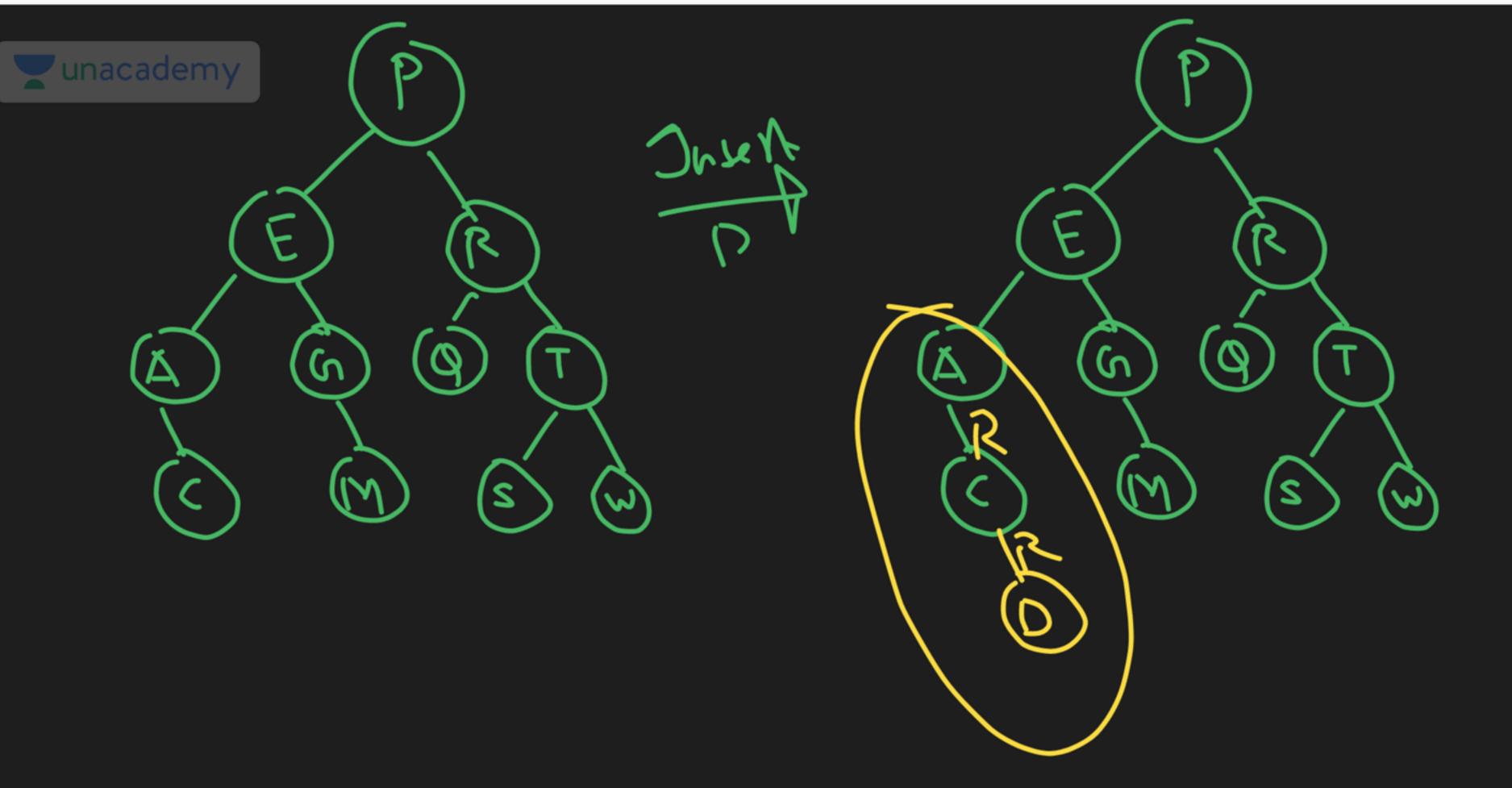


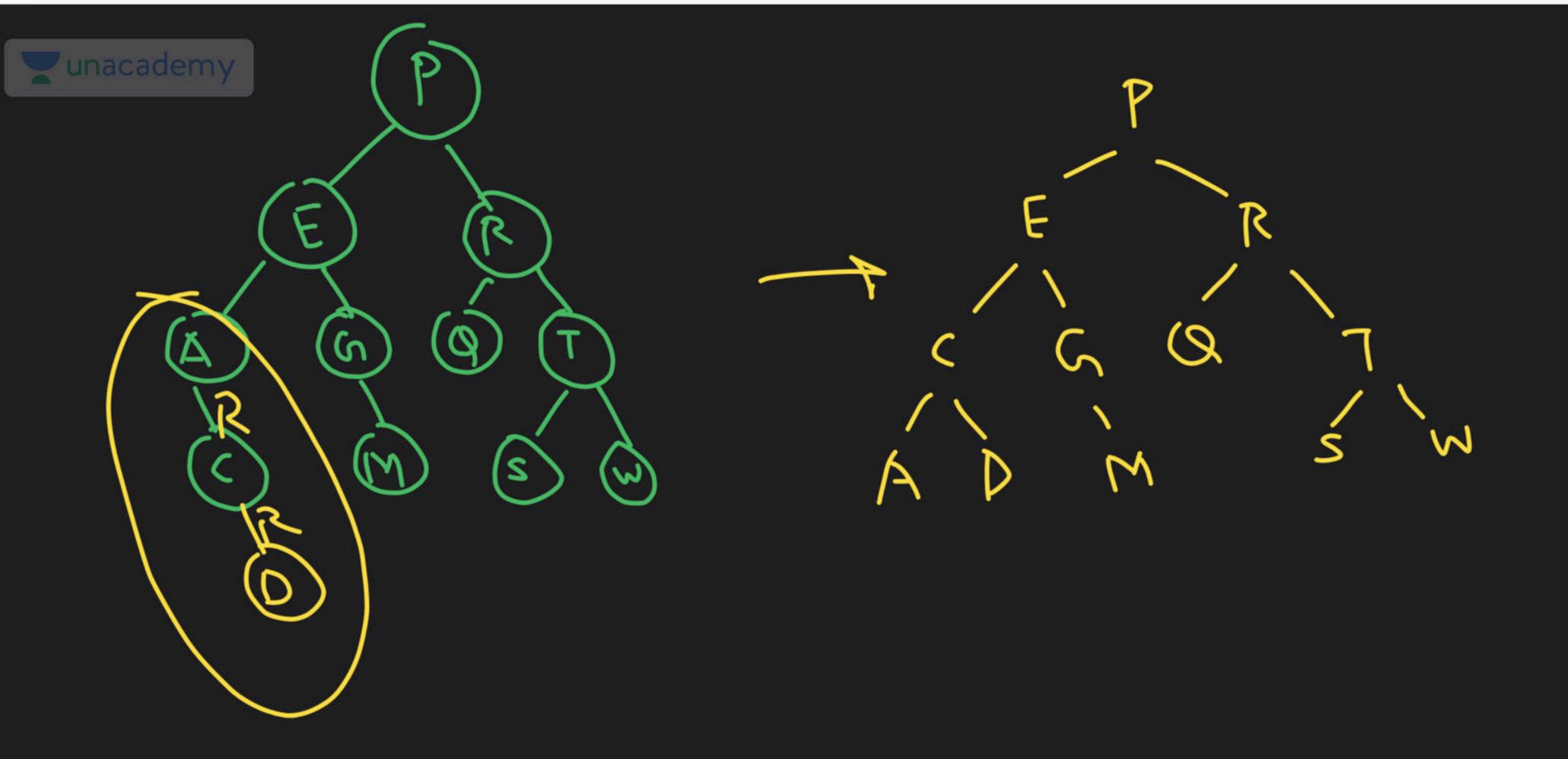
32 Cronstemy AVL tree by inserting keys A, G, E, R, T, S, P, O, W, C, M, D, X RR

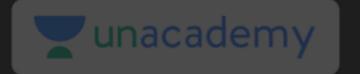












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## THANK YOU!

Here's to a cracking journey ahead!