







543. Diameter of Binary Tree

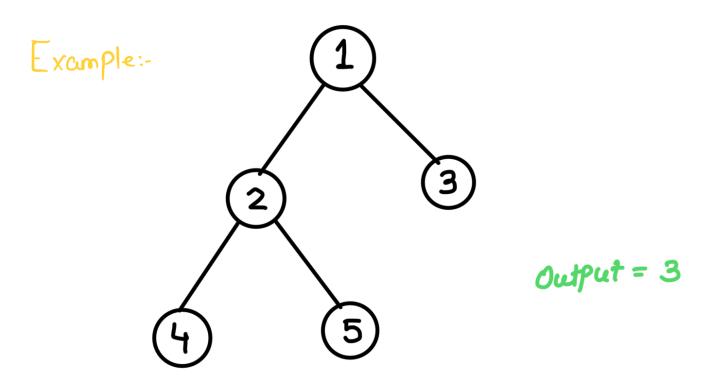






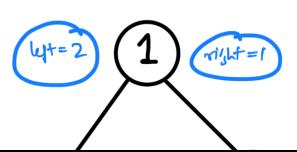
The **diameter** of a binary tree is the **length** of the longest path between any two nodes in a tree. This path may or may not pass through the root.

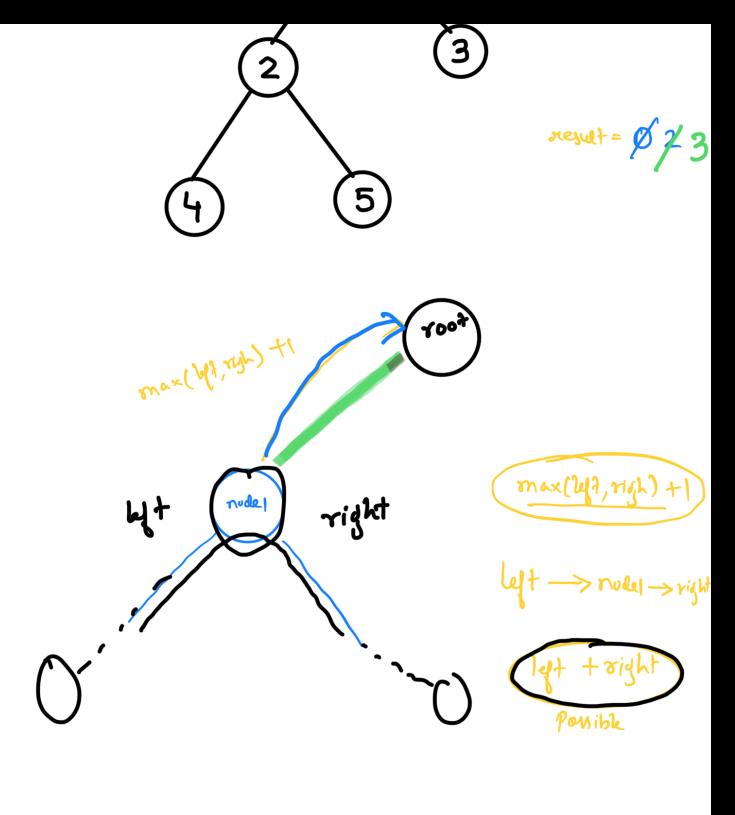
The **length** of a path between two nodes is represented by the number of edges between them.











(.) root = Int-MIN;

Solve (2007-14); // Interpretation of the control of the con

right = serve (rout this) ; | Trust

(.) result = max (result, lyt+right);

return max (l,r) + 1;

(0)

T. C:- O(n)

S.C:- (Auxi space -> 0(1)

Recursion -> O(deph was)







