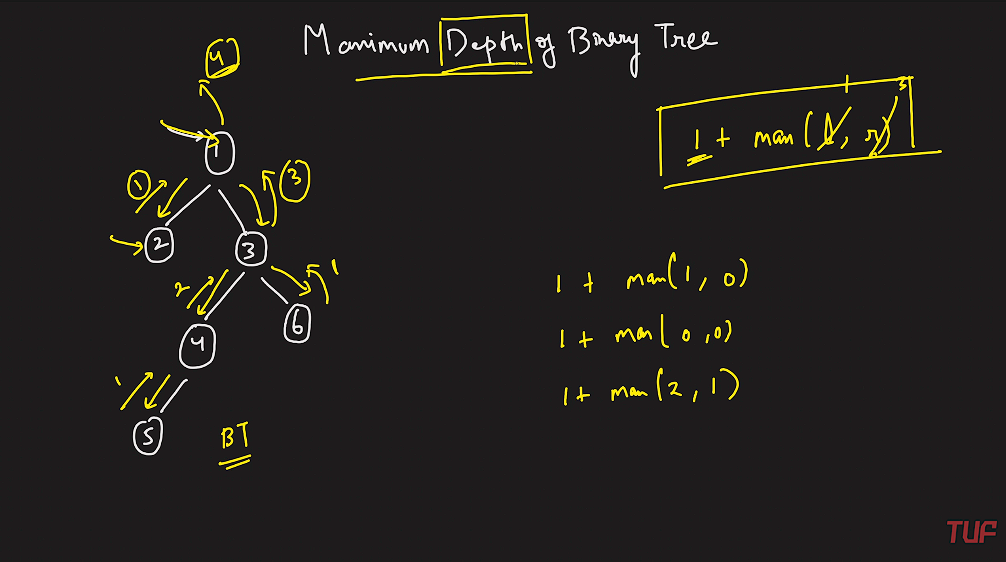
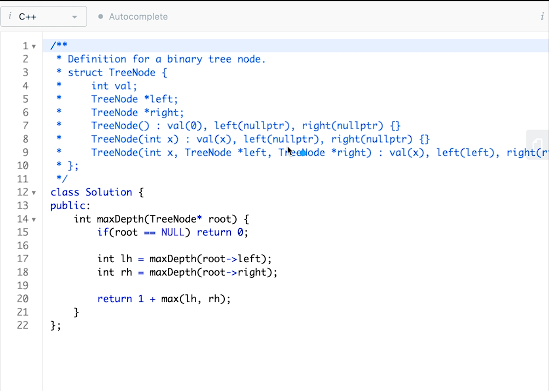
TREE

Height of a binary tree:-

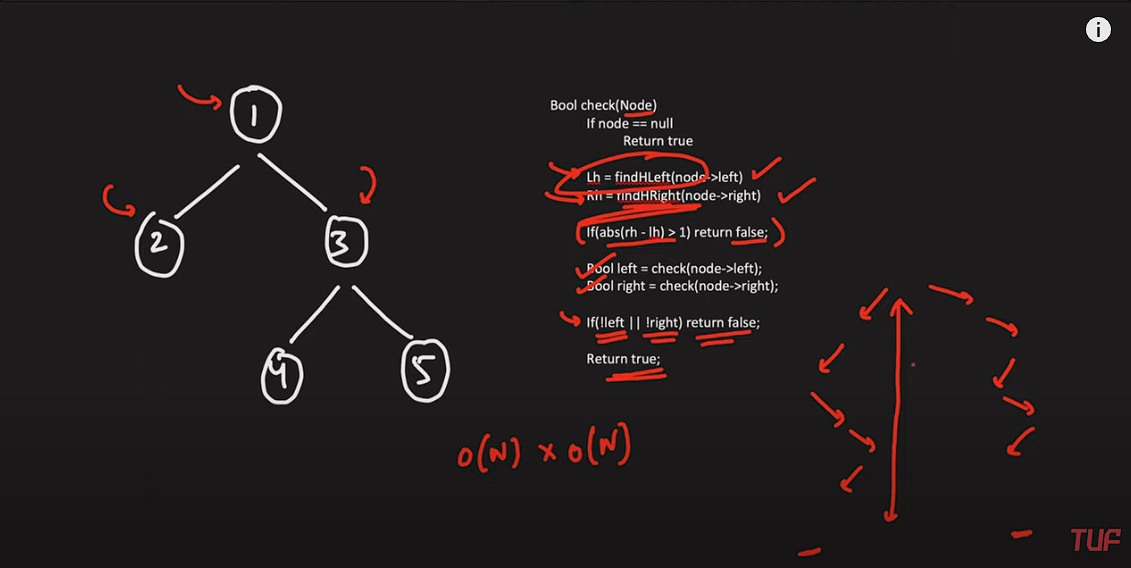




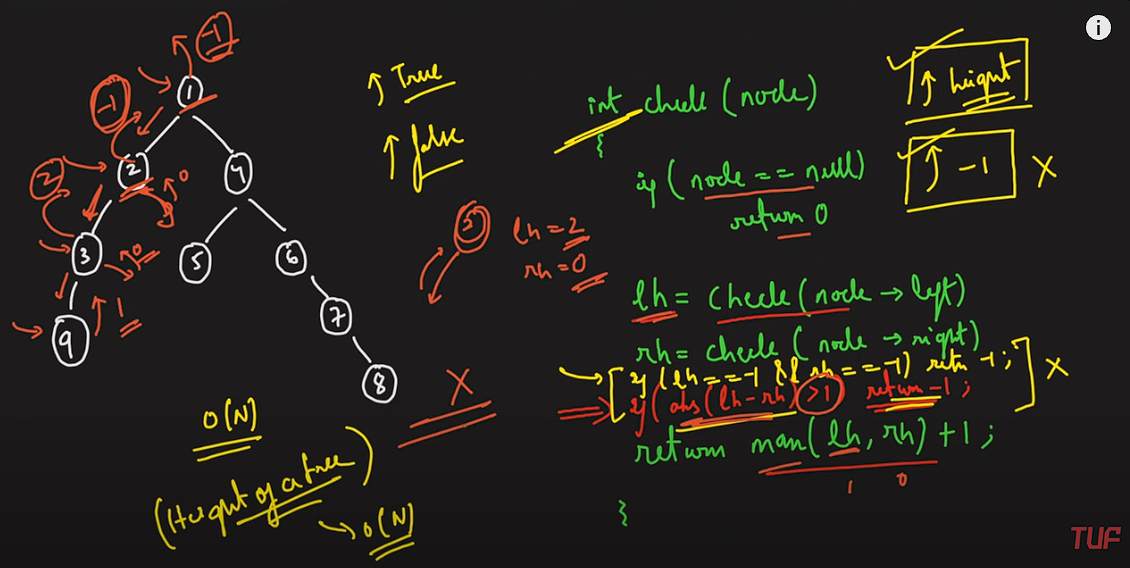
**TC & SC:-O(N)**

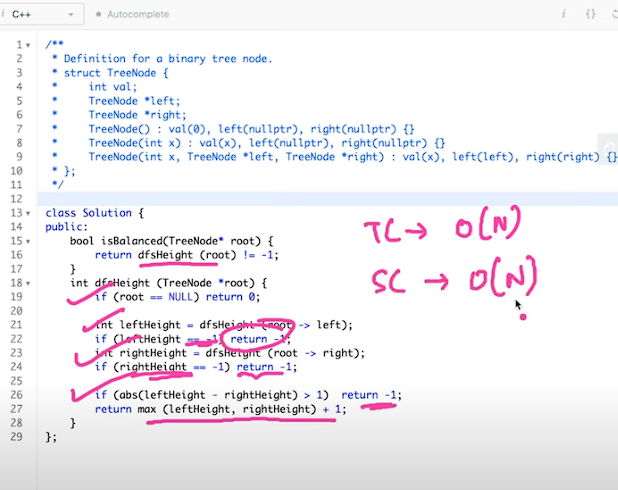
Check Balanced Binary Tree:-

Sol 1:-

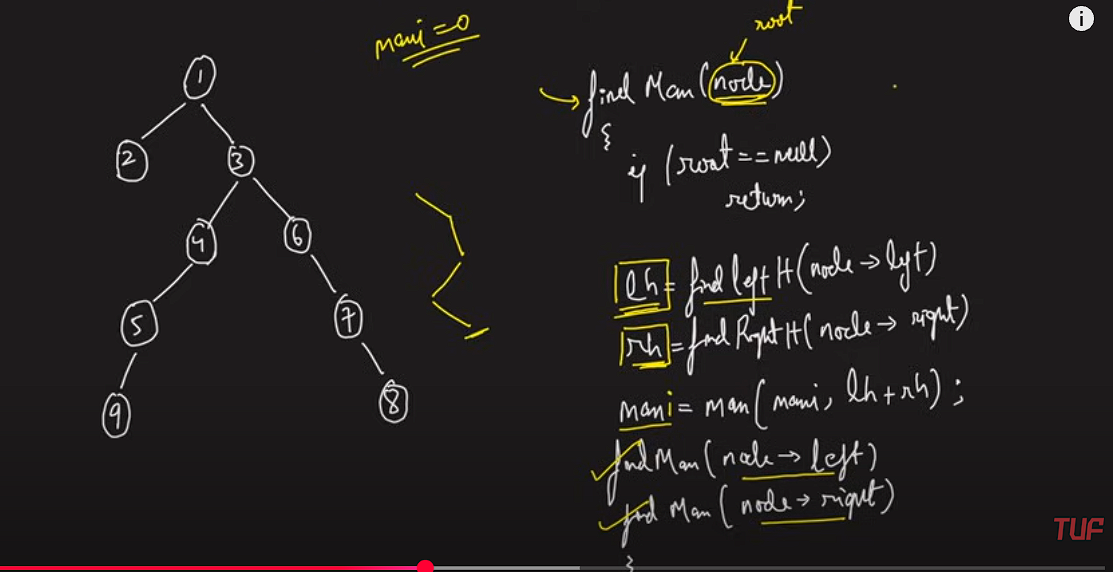
****

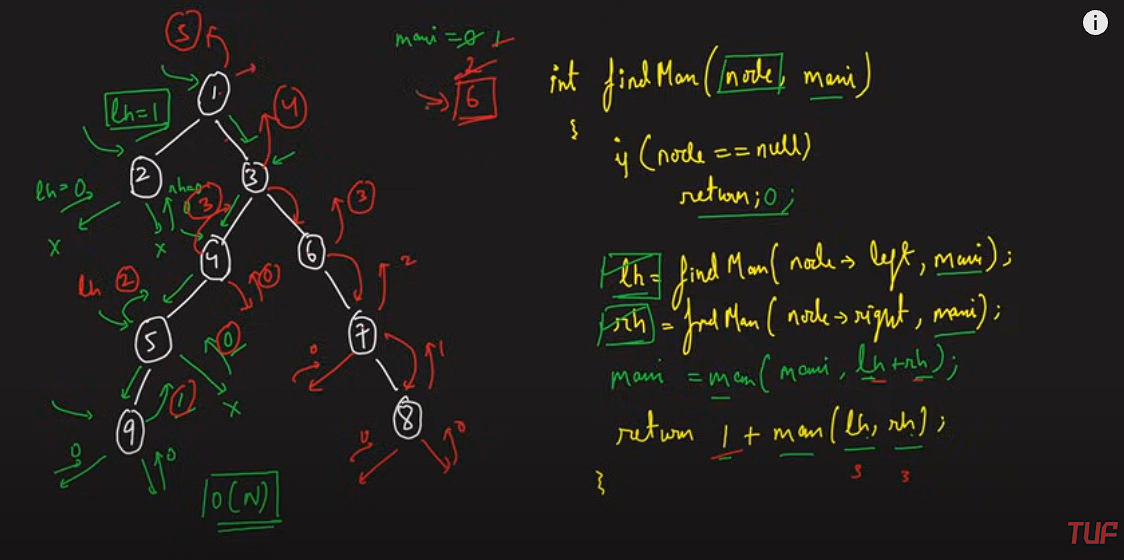
**Sol 2:-**

****

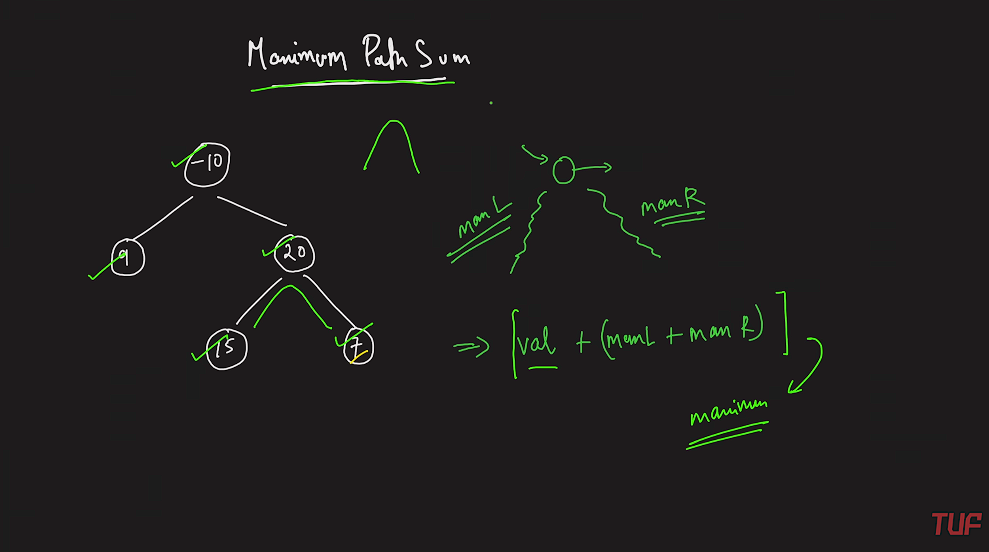
****

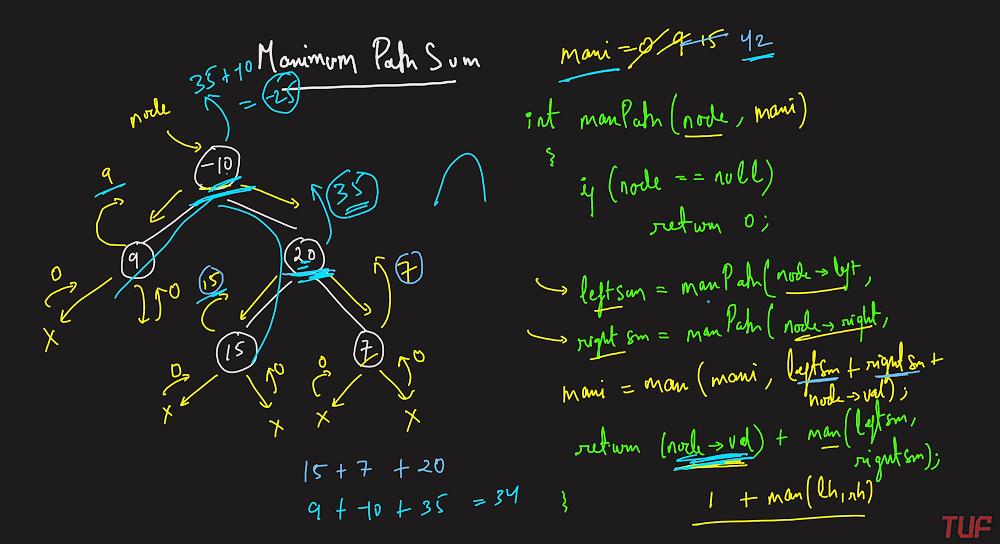
Diameter of a Binary Tree:-

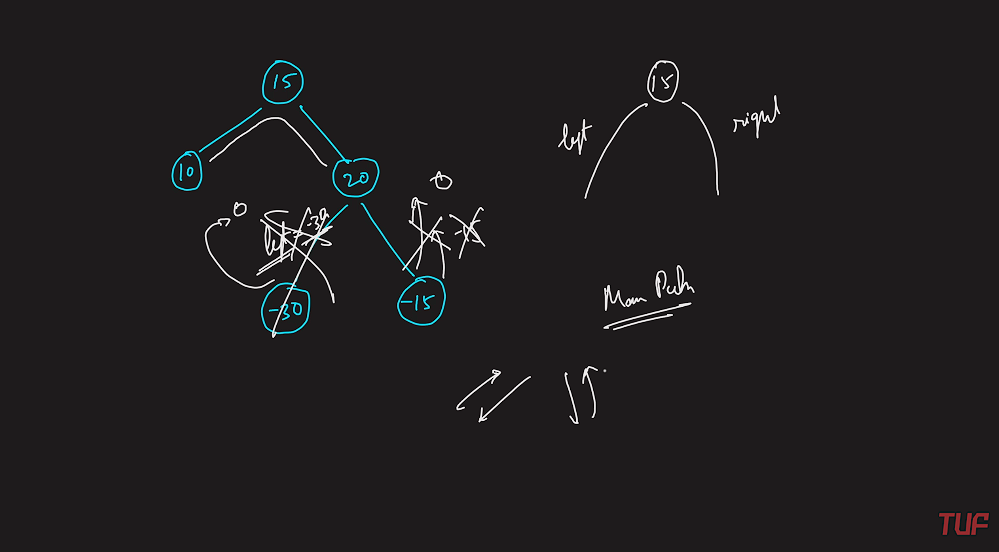
Brute force:- (Traversing through all the nodes and counting max height from all the nodes)  




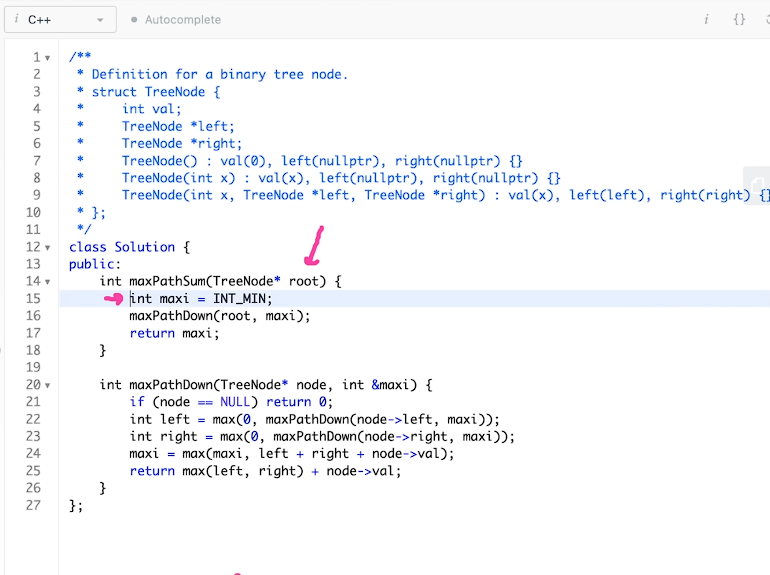
**Max Path Sum:-**

****

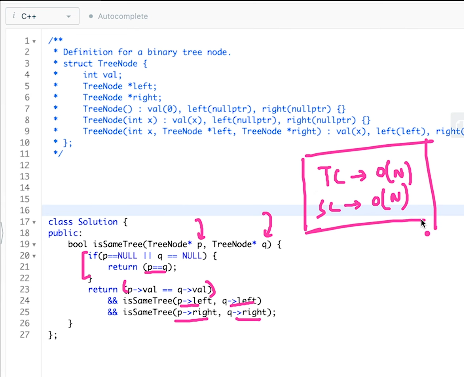
****

****

**Note:- Do not Consider the negative path instead return 0 whenever you get the negative path.**

****

**Two Identical Trees:-**

****