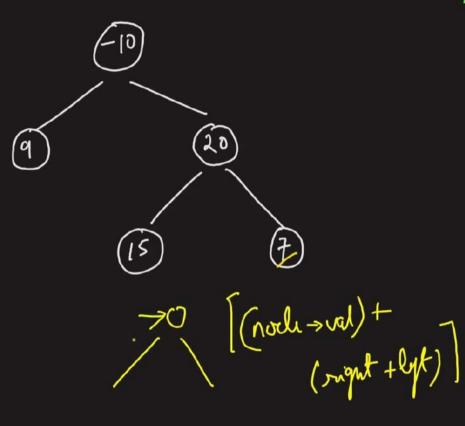


35+10 Manimum Path Sum 9+10+35 = 34

Itsum = manPah (node > byt, put sm = man Pahn (node > right, mani = man (moni, lytem + migr 1 + man (lh, nh)

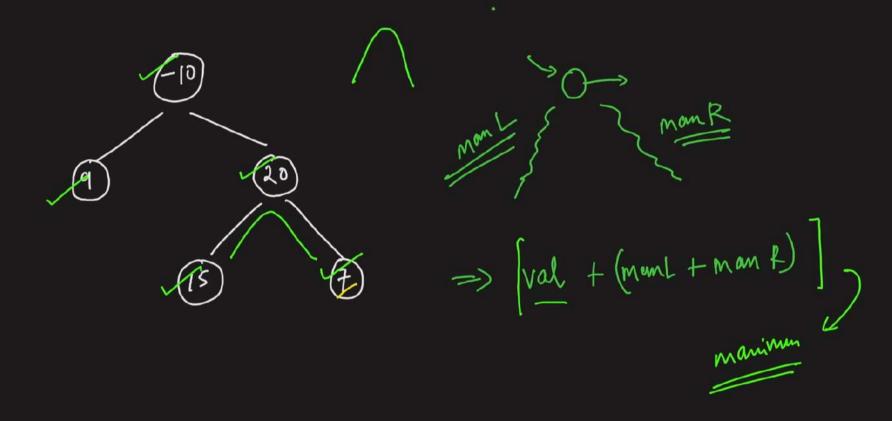
Manimum Path Sum



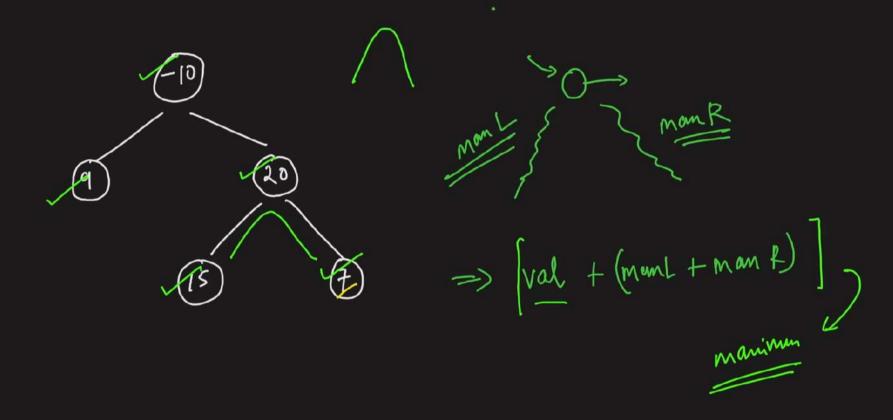
int manPahn (node, ig (node == noll) retum 0; leftsun = man Pah (node > byt, right sm = man Pah (node > right, (noch = val) + (noch = val) + man(leftsm, rightsm);

1 + man(lh,nh)

Monimum Path Sum



Monimum Path Sum



```
Java

    Autocomplete

  1 + /**
         Definition for a binary tree node.
  2
          public class TreeNode {
  3
  4
              int val:
              TreeNode left;
  6
              TreeNode right:
              TreeNode() {}
  8
              TreeNode(int val) { this.val = val; }
  9
              TreeNode(int val, TreeNode left, TreeNode right) {
 10
                  this.val = val;
 11
                  this.left = left;
 12
                  this.right = right;
 13
       * }
 14
 15
        */
 16+
       class Solution {
 17 +
          public int maxPathSum(TreeNode root) {
 18
         int maxValue[] = new int[];
 19
               maxValue[0] = Integer.MIN_WALUE;
 20
               maxPathDown(root, maxValue);
 21
               return maxValue[0]:
 22
          }
 23
 24 +
           private int maxPathDown(TreeNode node, int maxValue[]) {
 25
               if (node == null) return 0;
 26
               int left = Math.max(0, maxPathDown(node.left, maxValue));
 27
               int right = Math.max(0, maxPathDown(node.right, maxValue));
 28
               maxValue[0] = Math.max(maxValue[0], left + right + node.val);
 29
               return Math.max(left, right) + node.val;
 30
 31
```