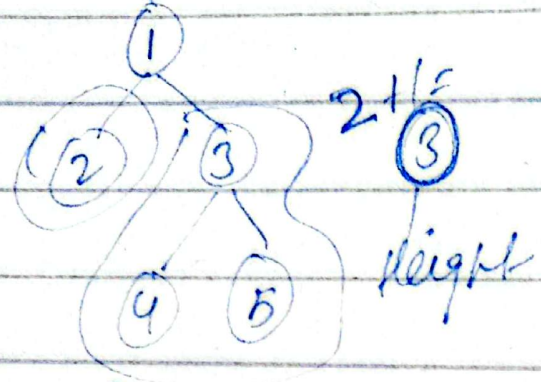
→ Height of Binary Tree

Height = Maximum Depth OR
Max distance from root to leaf.

Using Recursion



Pseudocode

```
int Height(root){
if(root==!NULL) → return 0;        TC=O(n)
leftHt= Right(root→left)
rightHt= Height(root→right)
    return (max(leftHt, rightHt)+1)
```

→ Count of Nodes

Pseudocode

```
int count(root){
if(root==NULL) → return 0;
leftCount = count(root→left)
rightCount = count(root→right)        TC=O(n)
return leftCount + RightCount +1
                                root
```

Sum of Nodes

```
int Sum(root){
if(root==NULL){
        return 0;
leftSum = Sum(root->left)
RightSum = Sum(root->right)
return leftSum + RightSum + root->data
```

T.C = O(n)