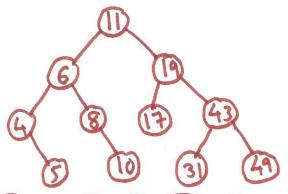
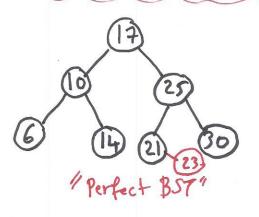


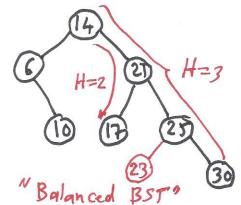
Class Activity: Given a Sequence of numbers:

11, 6, 8, 19, 4, 10, 5, 17, 43, 49, 31

Draw a BST by inserting the above numbers from left-to-right.



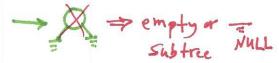




Now insert a value in BST, we need to find a proper position to insert. e.g. inserting 23

BST (Deleting Nodes): We have 3 cases.

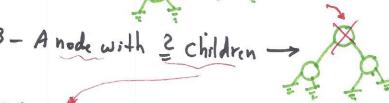
1- @ Children (leaf node)



2- A Mode with 1 child



3 - A node with 2 children -



Rule #18 For two children, find the Smallest Value in nodes in right Sub-tree, Copy it in the node we want to delete and then delete that node,

