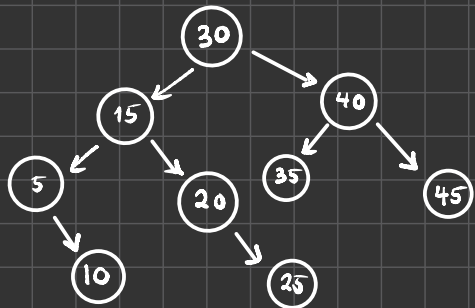
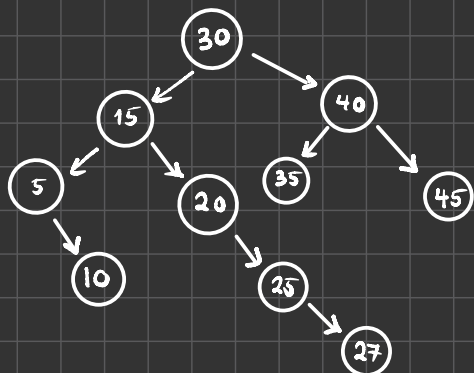


4. (2019)

Initial AVL tree



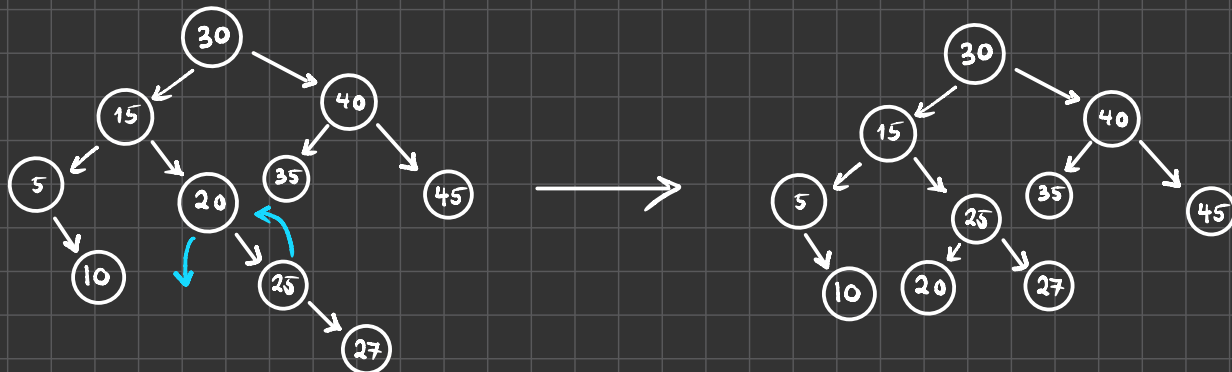
First add 27 as normal like a normal BST



This causes the tree to be unbalance
& thus violates the AVL property

Rotating nodes to rebalance

Subtree with root node 20, with root of 20 rotate right child



The tree is balanced & thus an AVL tree