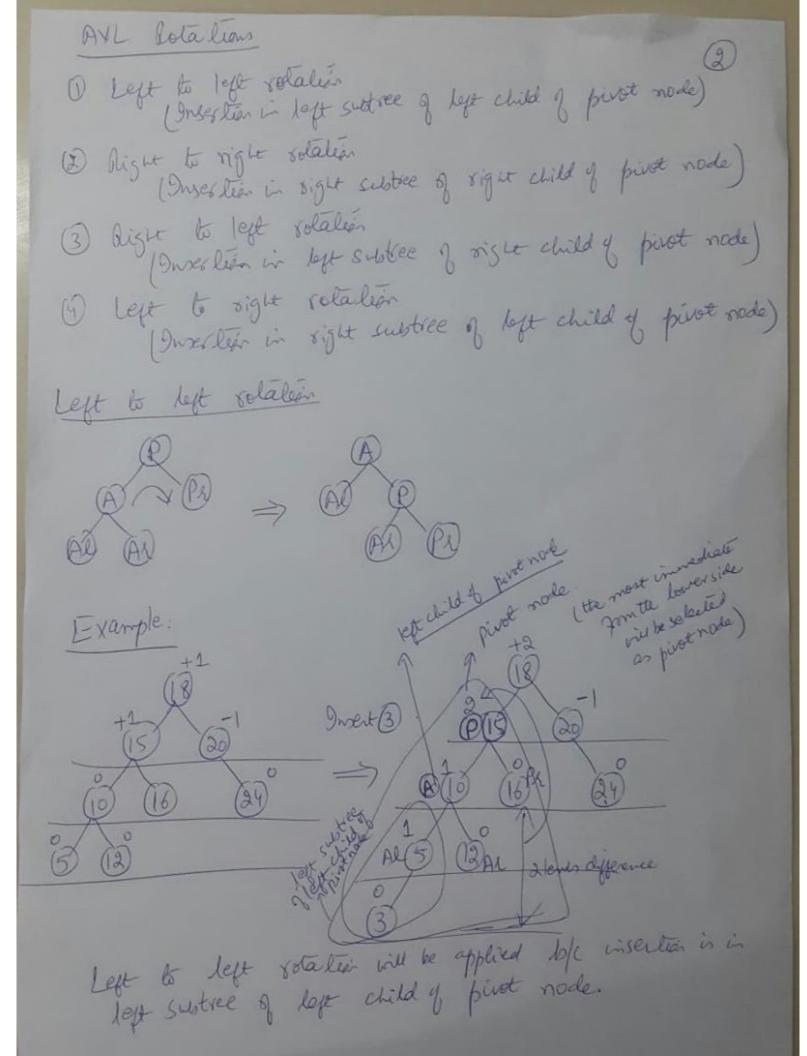
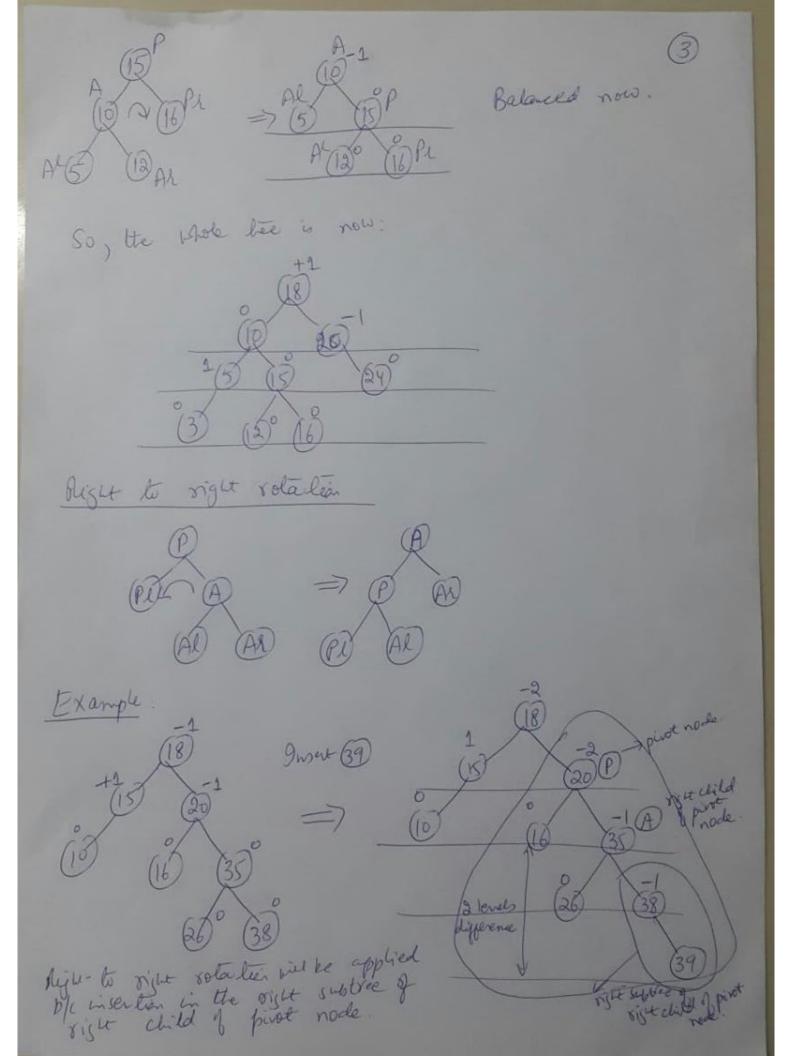
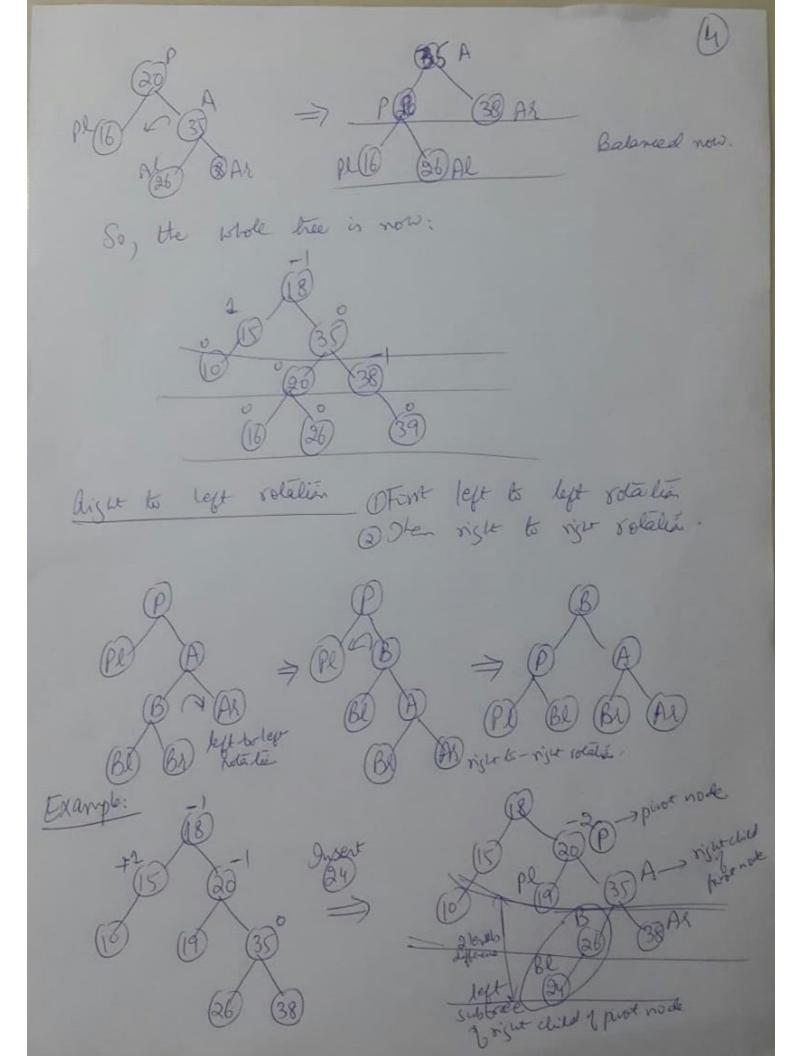
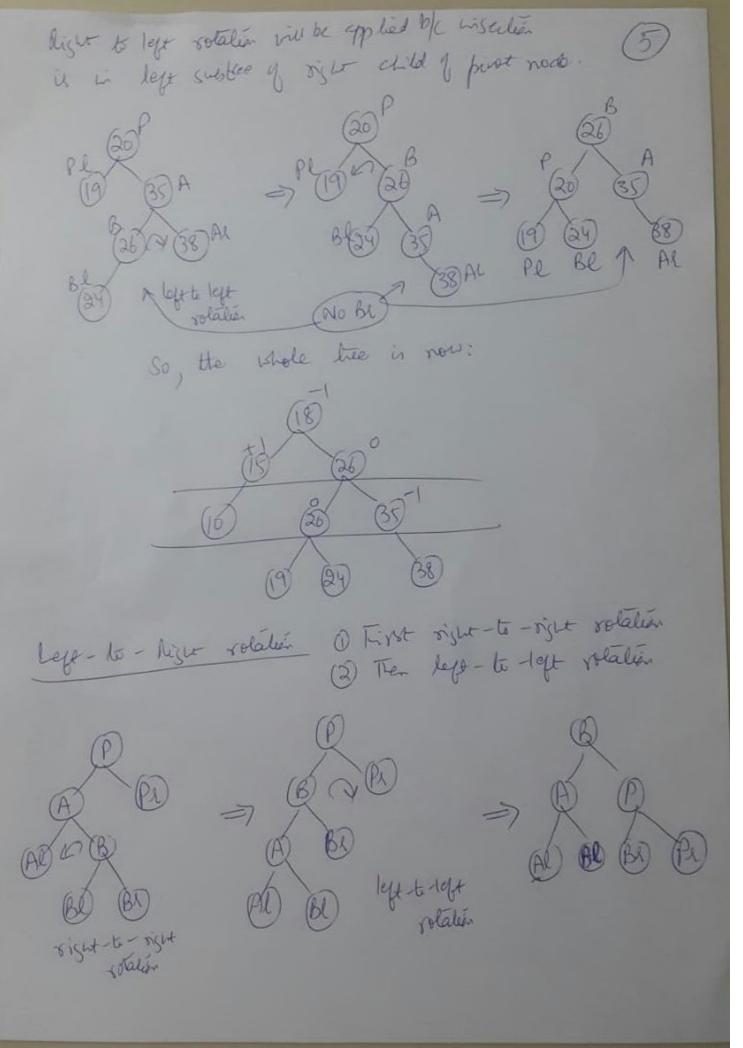
AVL Trees Balanced Trees) Do optimize the search time for insertion It is a kind of BST whose heights of left and right and deletion. Subtrees will be with maximum difference of 1 Ear note the balance factor defined as: Difference b/w the beight of left sultree and Dight heavy (Belance factor -1) To beight of its right subtree the height of its left subtree Left heavy (Balance factor +1) 96 height of its left sustree is one height of its right subtree. Balanced node (Balance pater 0) Same teight of left and vigne subtrees. Examples (2) levels

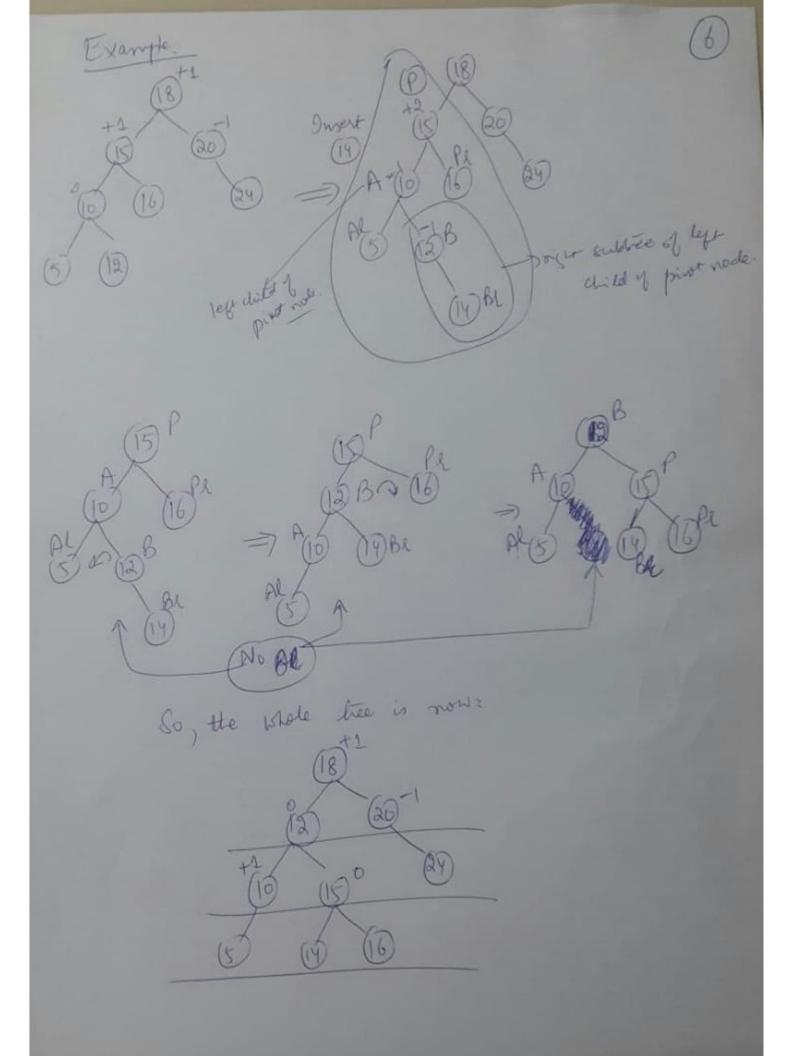
Pivot node is unbalanced note Charing balance factor Olta Her 0,-1,+1)

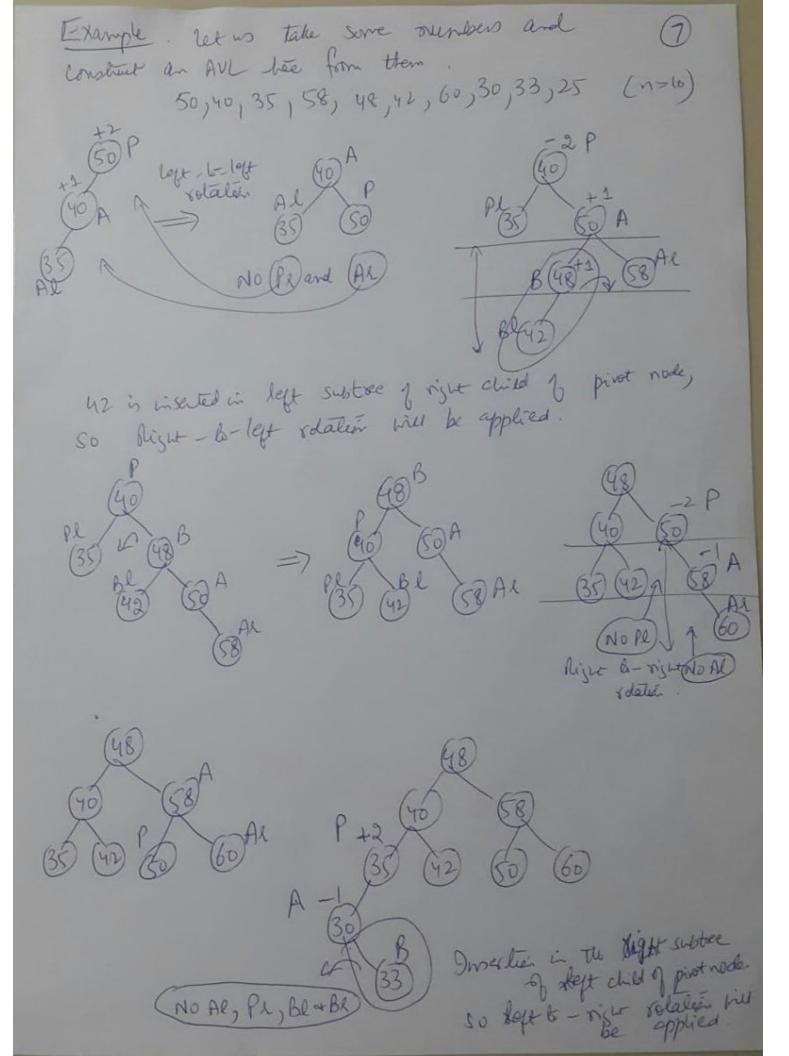


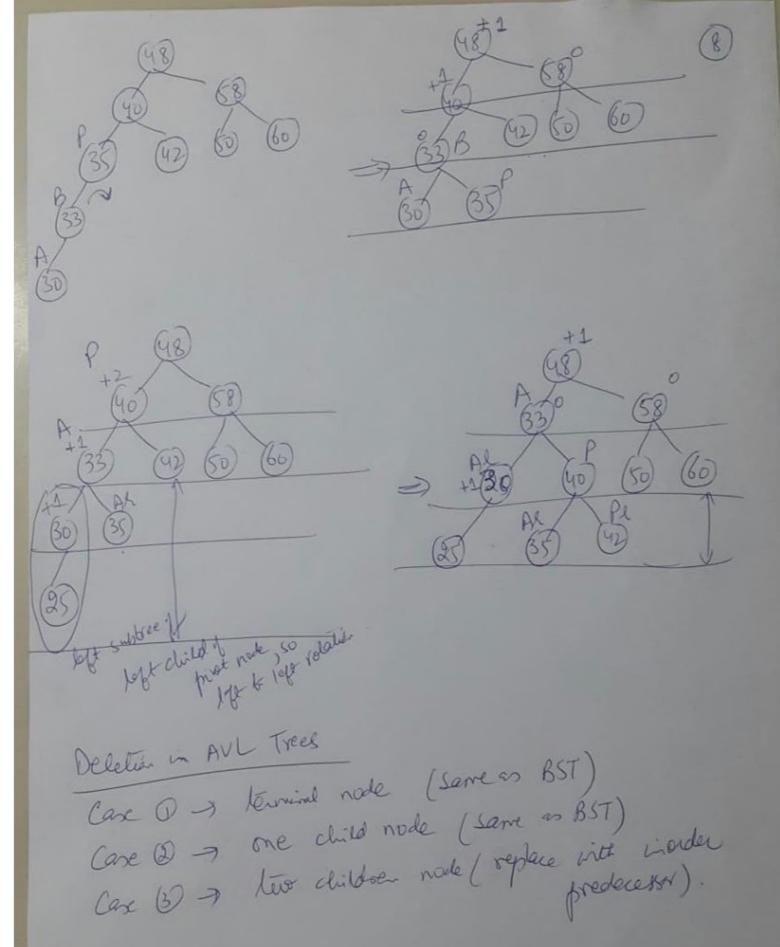












Rebalancing.

