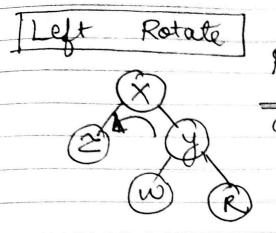
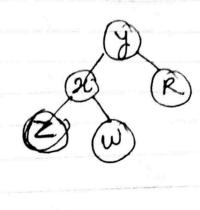


Rotations

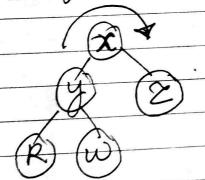


Rotate Loft around

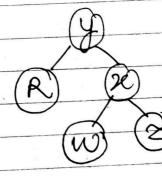


Xoright = y-left.

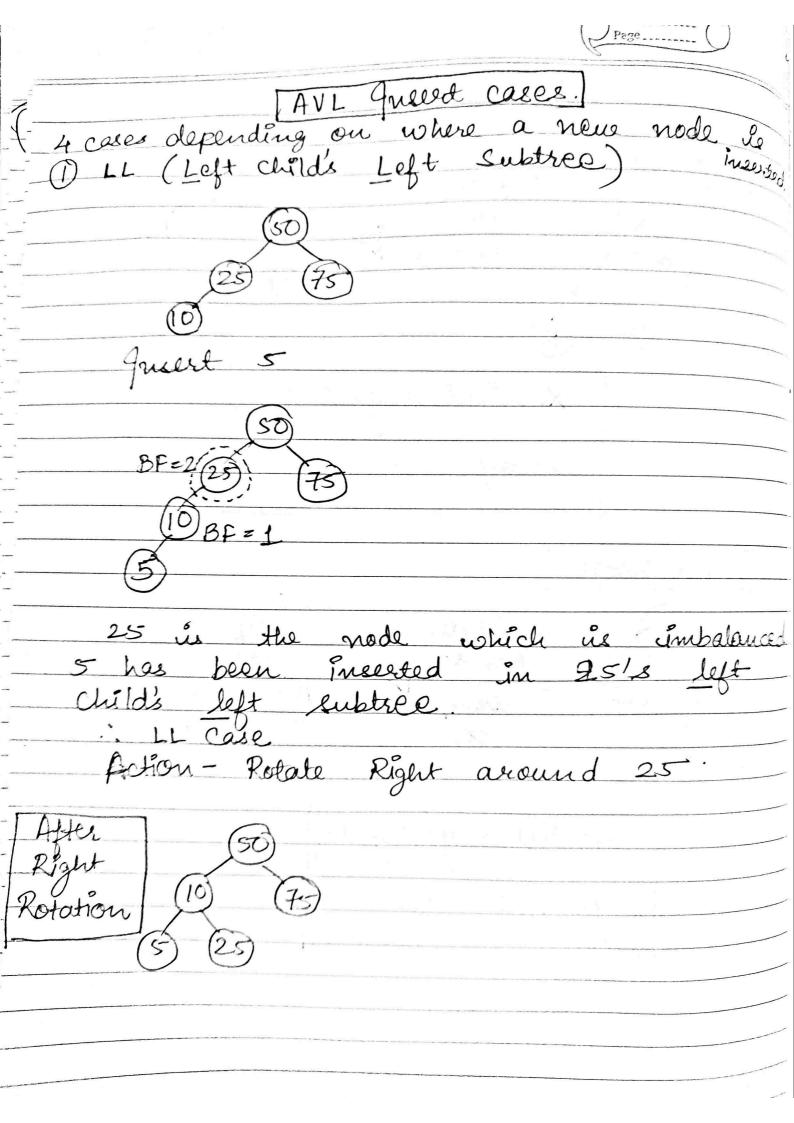
Right Rotate

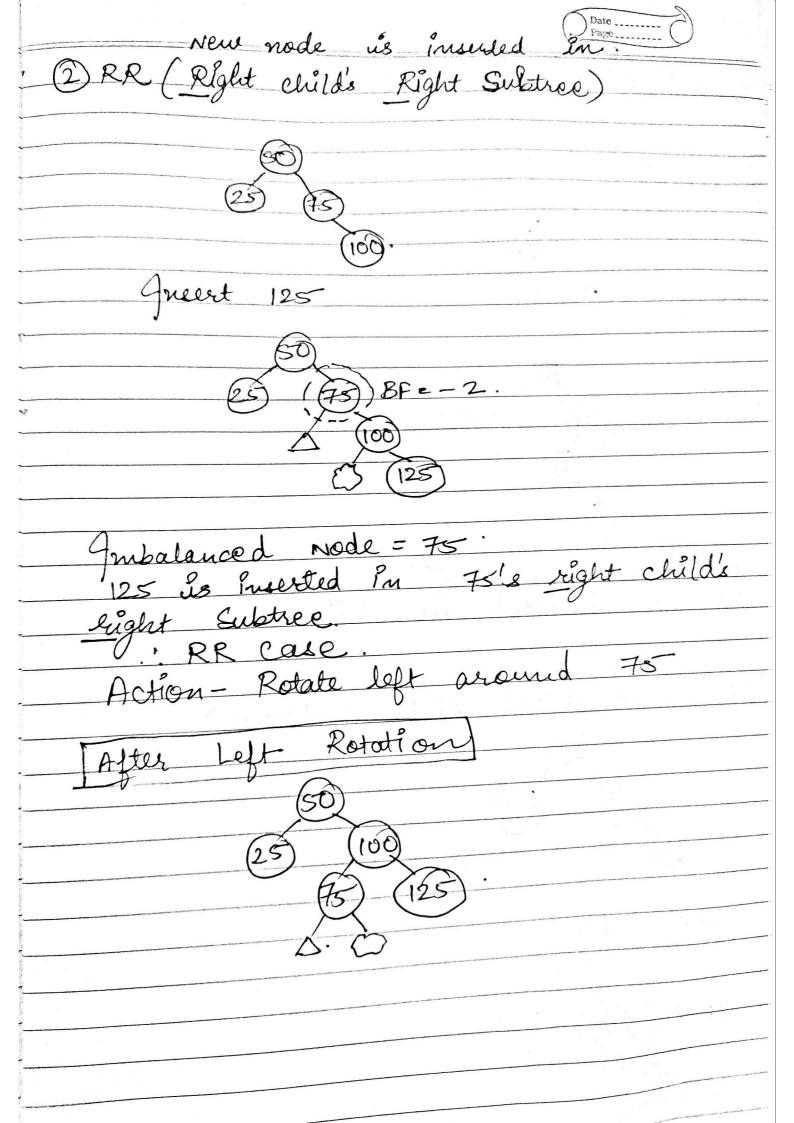


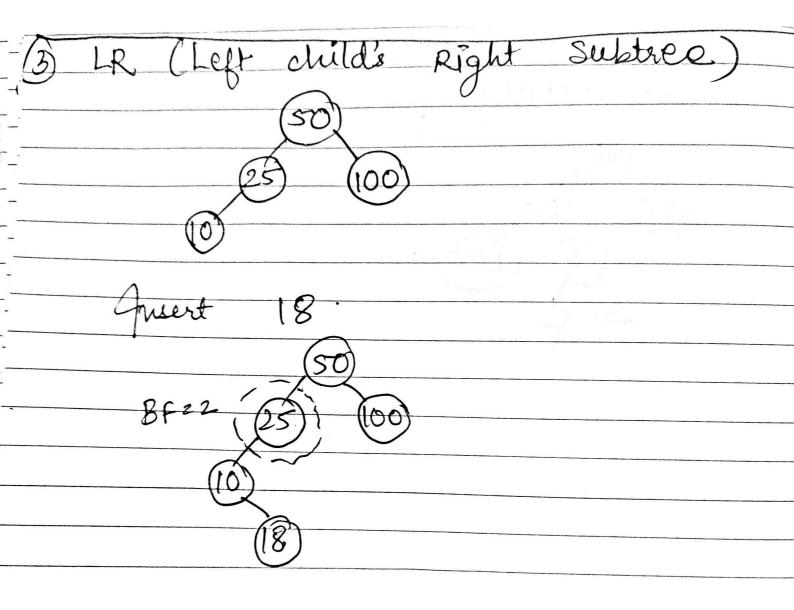
Rotate Right acound

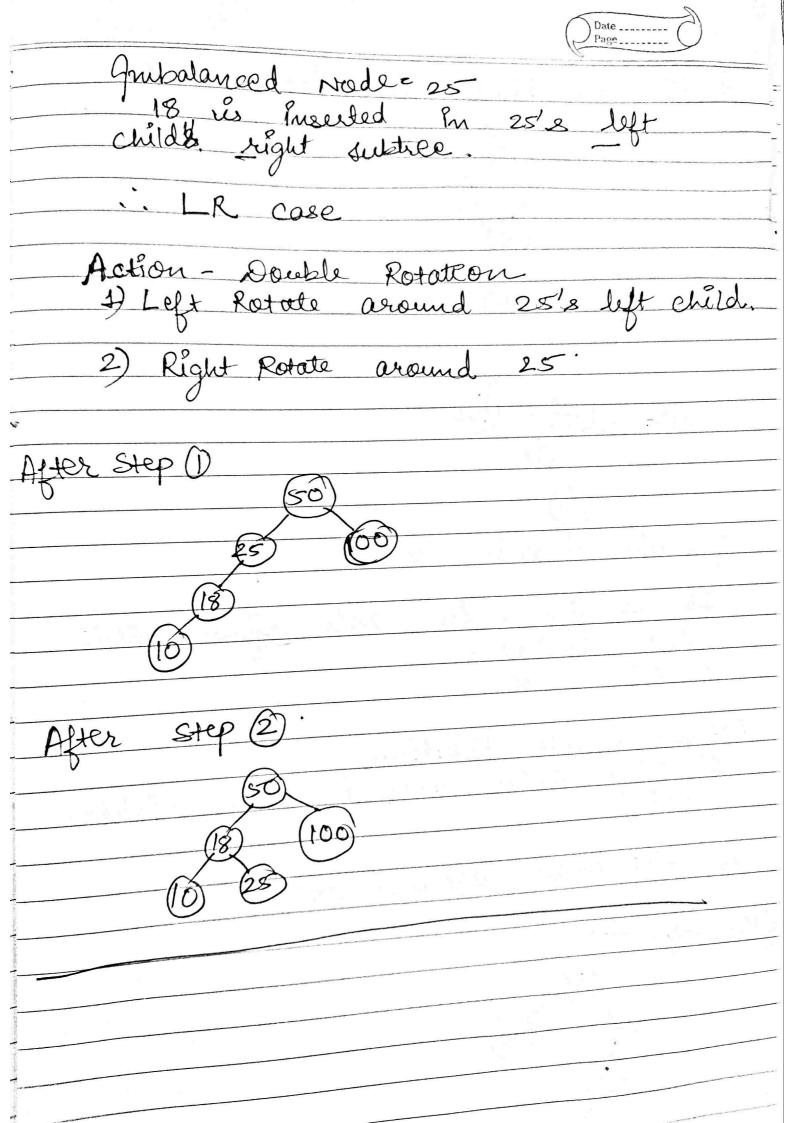


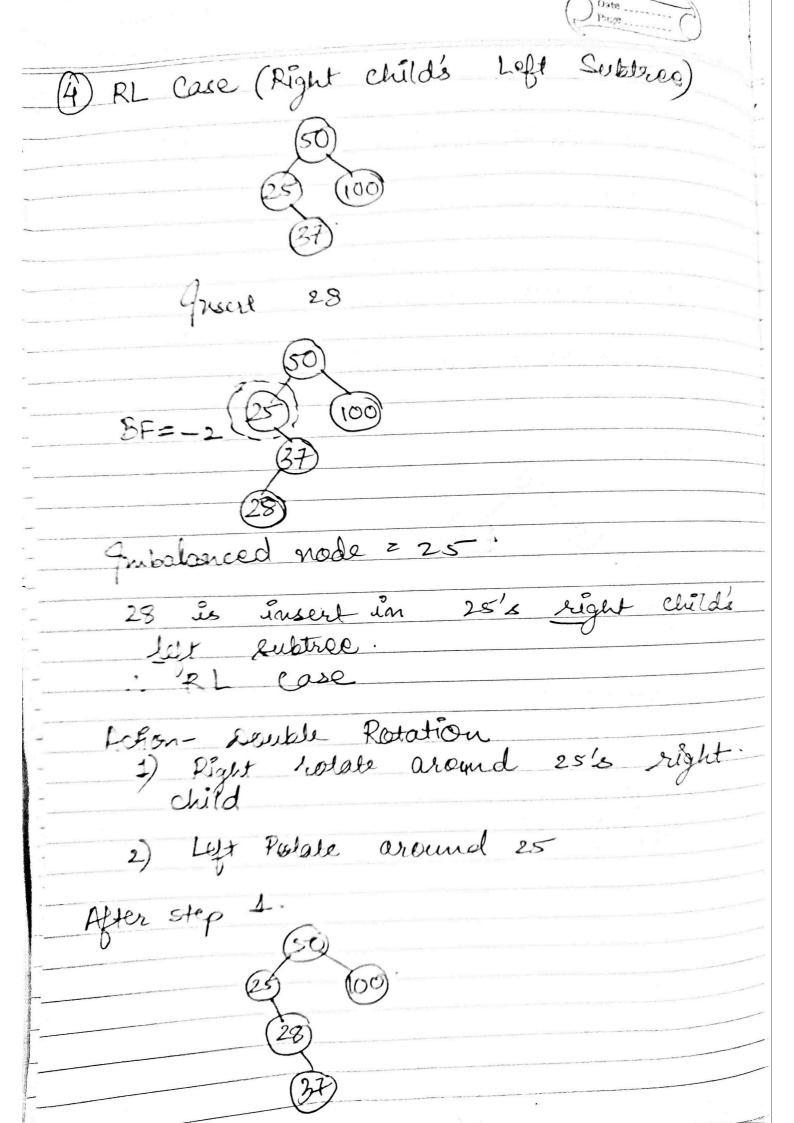
2e. left = y. right
y. right = 2.

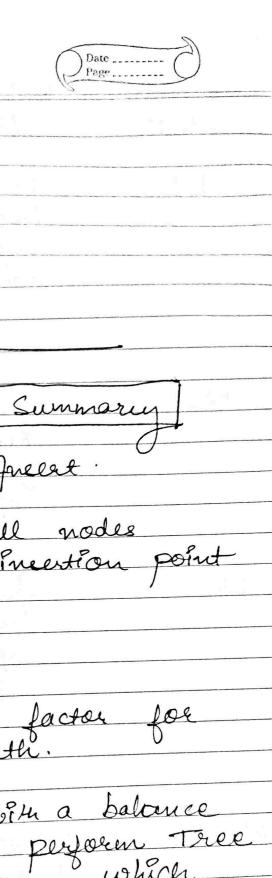












AVL Tree guert Summaring 1) Perform Standard BST. Juleat. 2) Update the heights of all nodes along the path from meestion point to hoot. 5) When an 1 3) Calculate the balance factor for each node on the path. 4) For the 1st node with a balance
factor >1 or <-1, perforen Tree
leotations depending on which
case among LL, LR, RR, RL is applicable.

fut MEANING ACTION CASE Rolate Right around X. LL Insertion in Left Subtree of Left wild of the umbahanced node (x) RR Insertion in Rotate Right Subtree Left Round of Right child greletion in 1) Rotate left around left child of X. Right Subluce of Left child of. X 2) Rotate Right around. X. 1) Rotale right around right Child of X question in Left Subtree of right child 2) Rotate left around X: