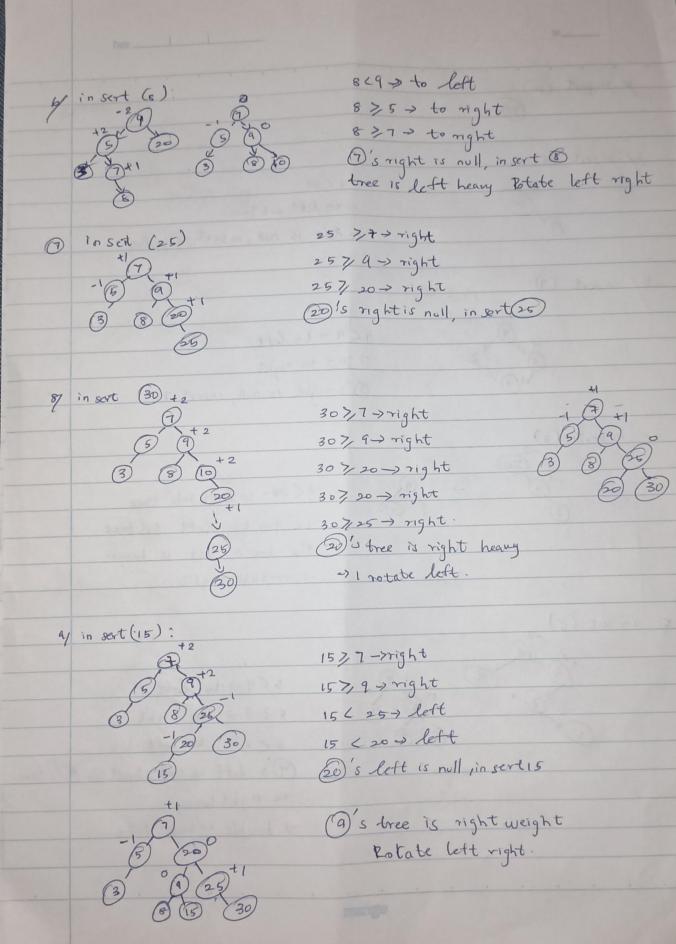
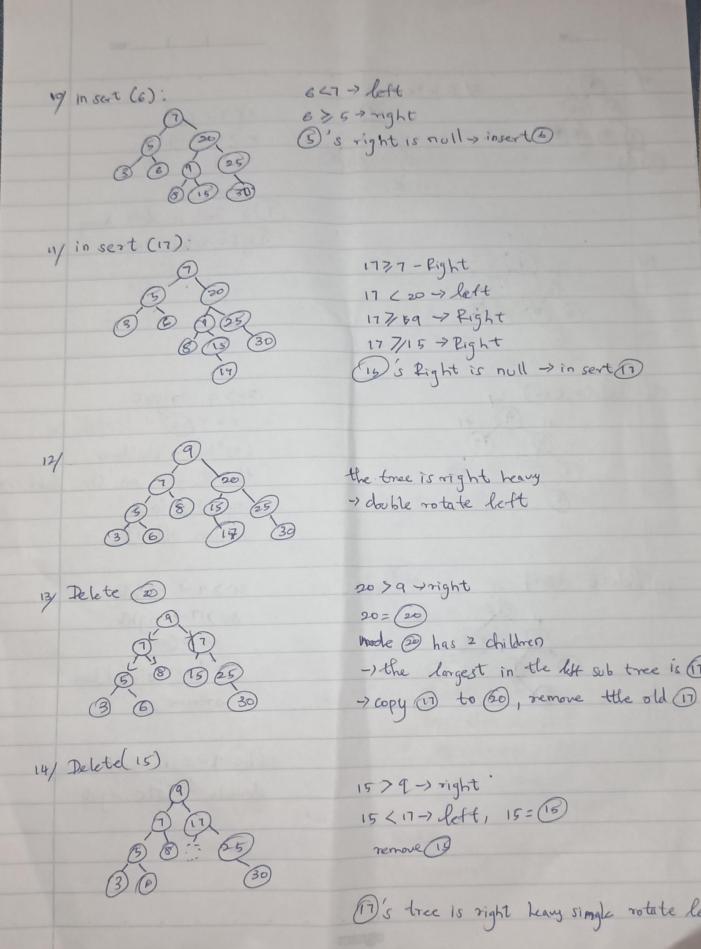
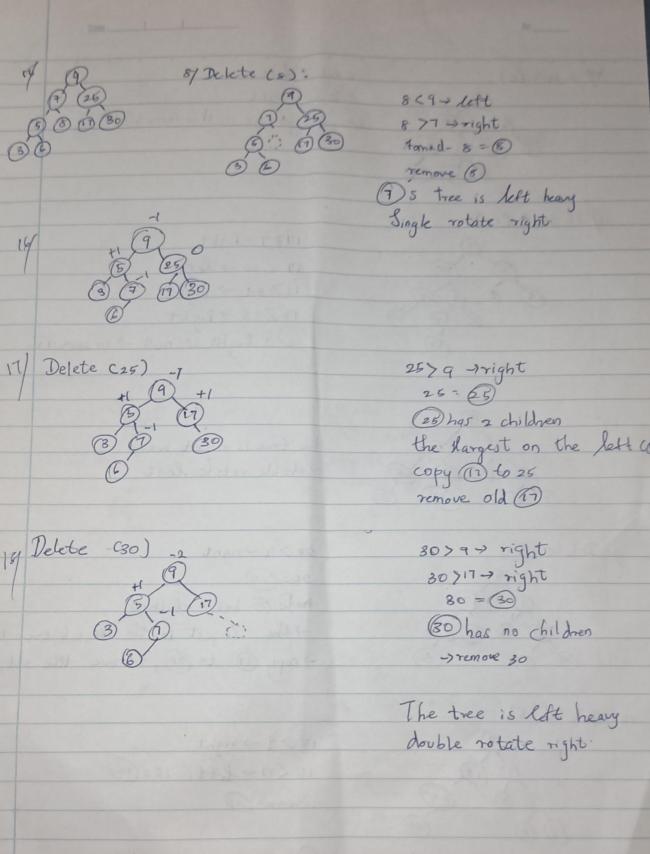
y in sert cond: 2/ in sort (a): 9 (20 -, to left subtree -> Adt is null, insert @ tolas 4/ insert (V): 7 < 9 > to left 773 to right 3's right is null, insert ? ·3(20-to left sub tree 3 < 9 > to left subtree the tree's left is heavier -> inotate right. 5 C9 > to left 57/3 > to right 5 (7) to left (D's left is null, inset @ 35t is night hearty -) double notate left







19 Delete (9) 9>7-> nght 9 = 1 has no left shild Set 10 notate right child in @'s position 20/ Delete (11) 1777-) right 17 = (7) (1) has no Children -> remove 17 tree is left heavy. -> simple rotate right. ny Detete(5) 520
Bhas 2 children
Copy the largest on the Lott (3) to (3)
remove old (3) (3) (a) 50 Tree is right heavy notatedate 20/ Delete (6) @ has a children copy thee largest on the left (Bi-remare old 3 Remove D Remove 3 found 9 3 > 3 3 don't have left child remove (2) set the right child as purnet

1 2 3 4 5 6 7

order to insert : 4, 2, 6, 1, 5, 5, 7

