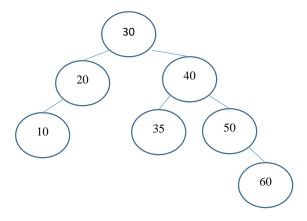
## Nathan Tipton Assignment 4

1.

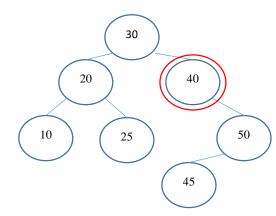




Binary, 40 is unbalanced node

children heights

left=-1, right =1



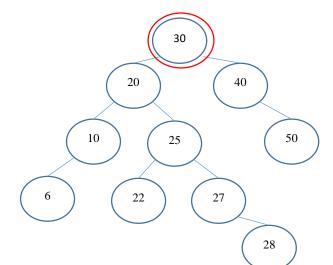
2.

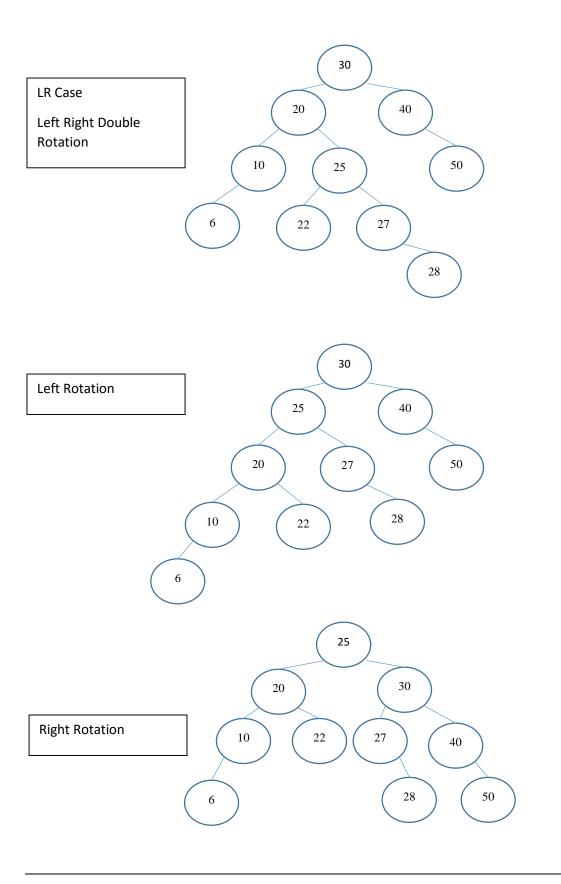
Insert 28.

30 is lowest unbalanced node

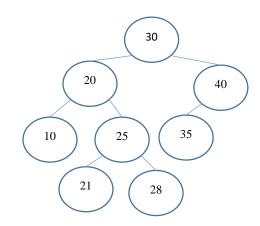
children heights

left=3, right =1

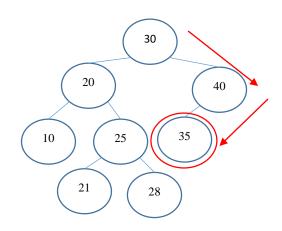




Remove 30



Replace 30 with smallest key in right subtree, 35.



35 is unbalanced node children heights left=2, right=0

