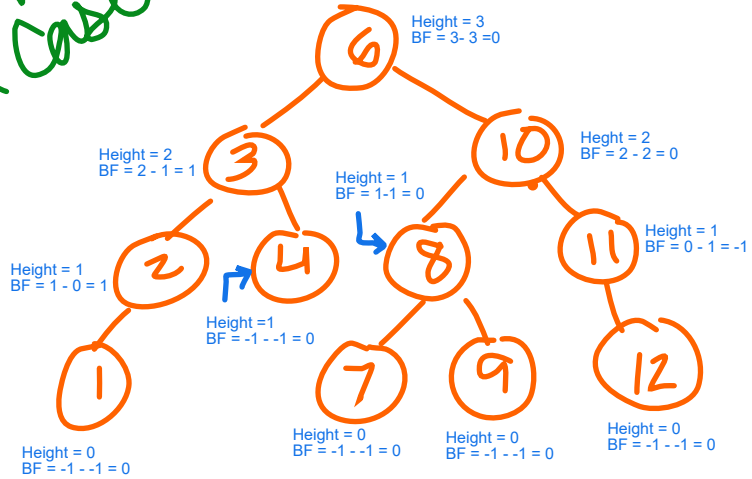
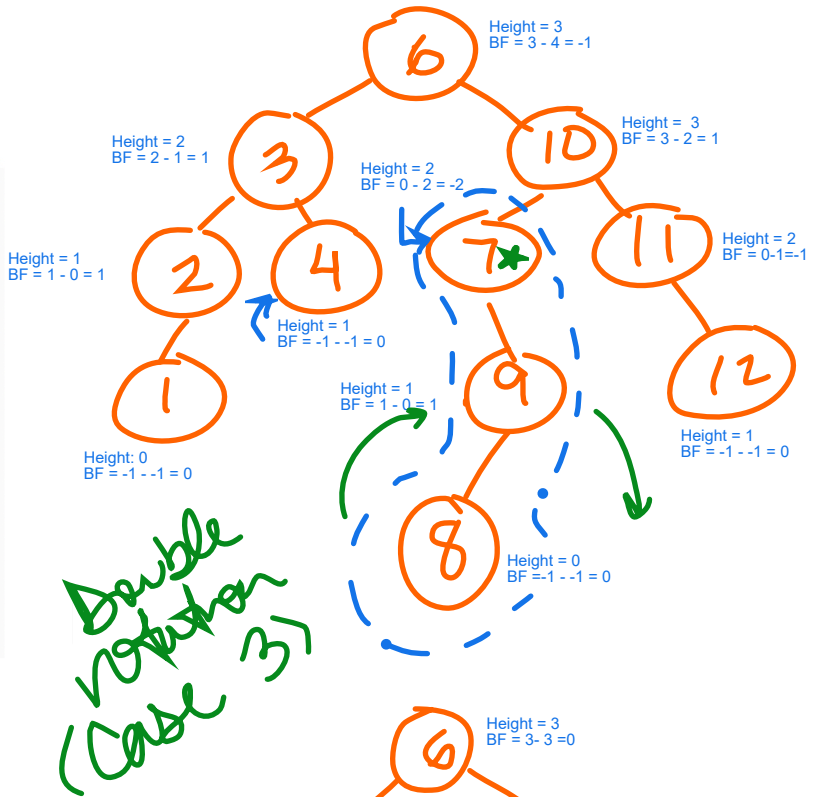
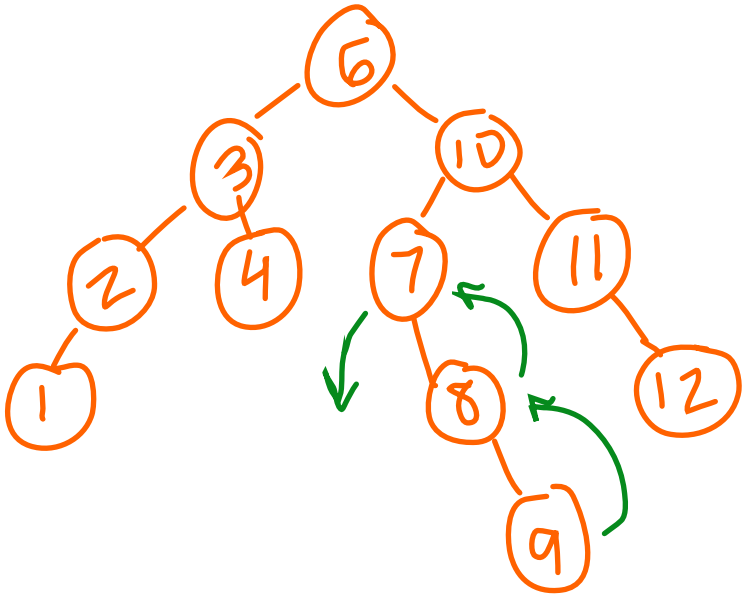
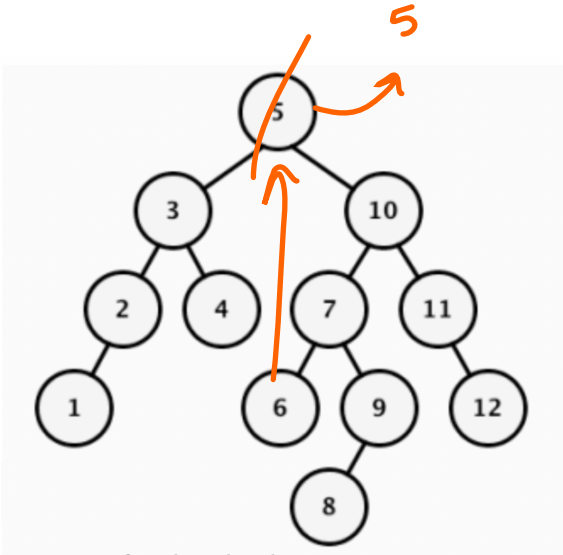
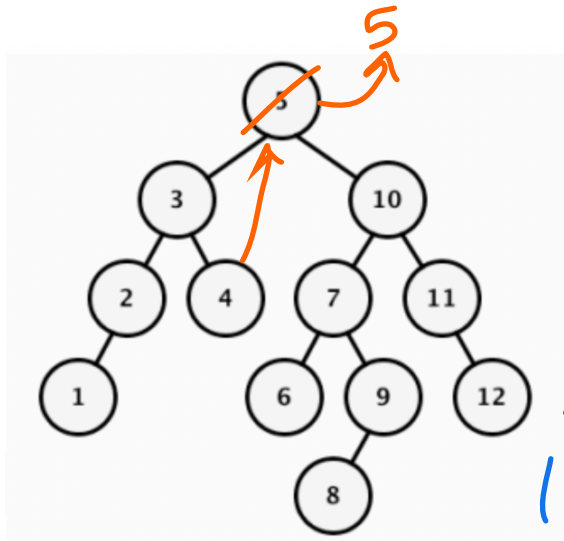


Rebalancing on right subtree:

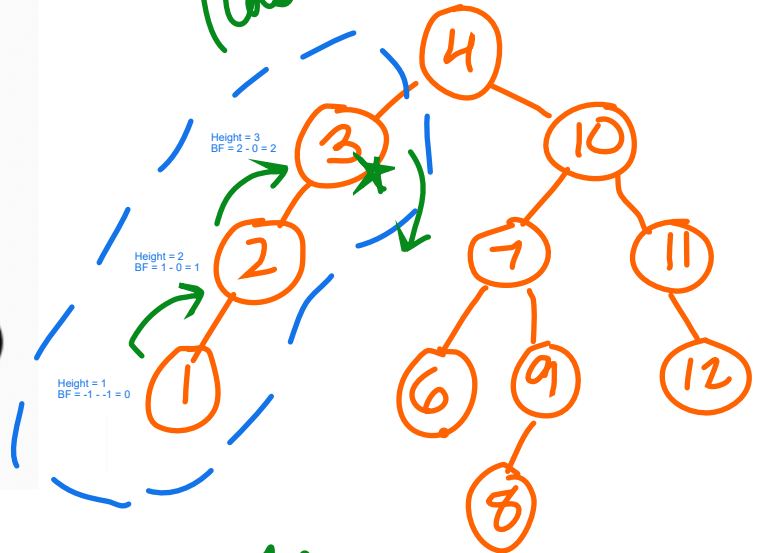


Final Balanced Tree!

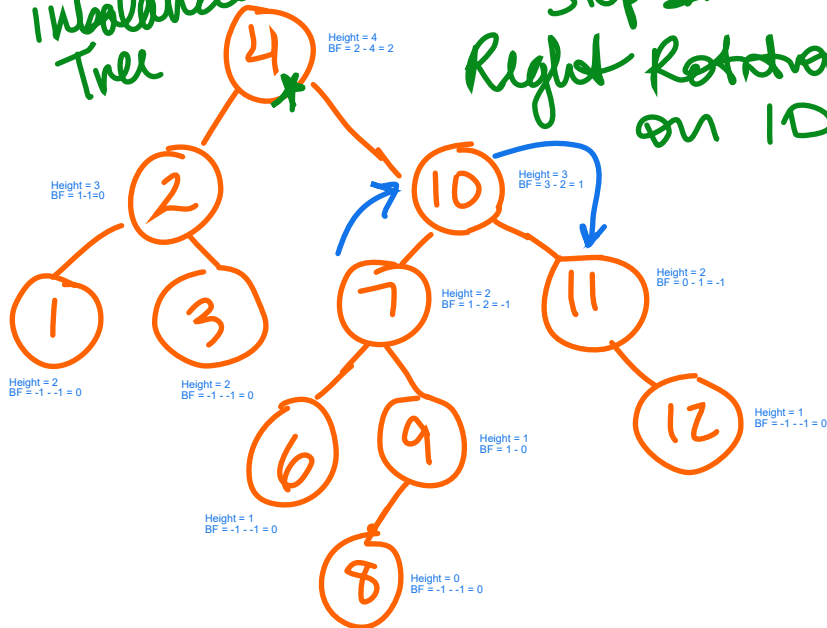
## Rebalancing on left subtree:



Single Rotation  
(Case 1)

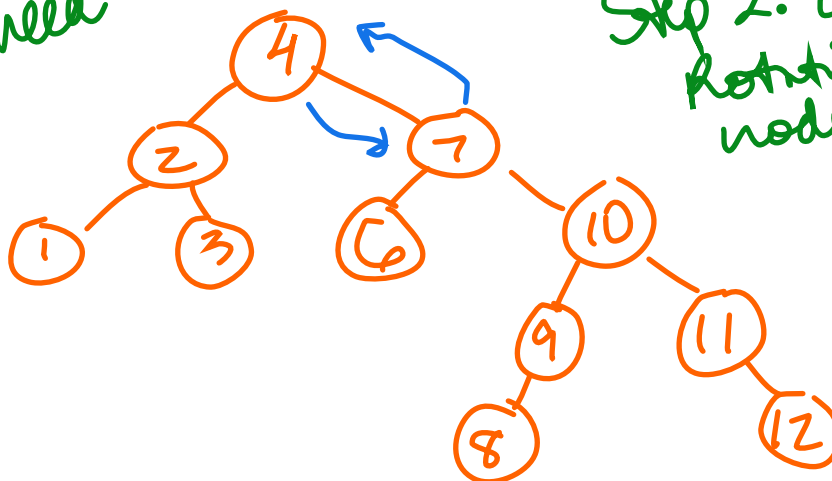


inbalanced  
Tree



step 1:  
Right Rotation  
on 10

Still  
inbalanced



Step 2: Left  
Rotation on  
node 4

Final  
balanced  
Tree!

