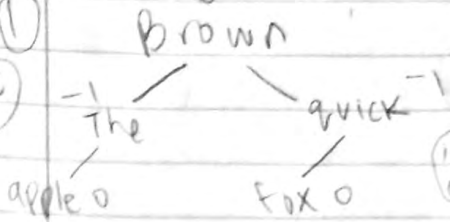


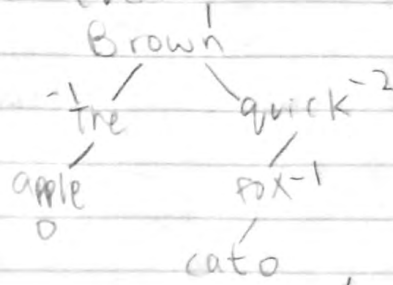
Lab 17 Self check

①

insert apple

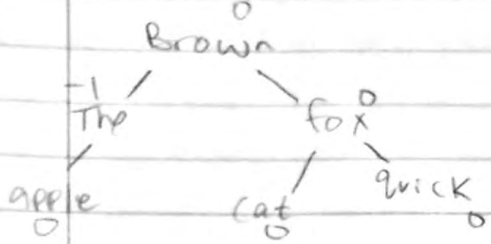


insert cat

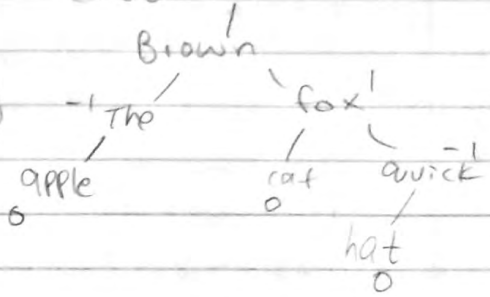


Left-Left

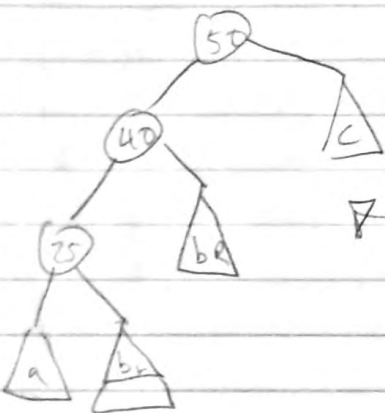
Shift right



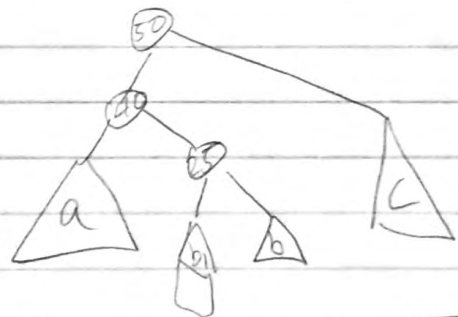
Insert hat



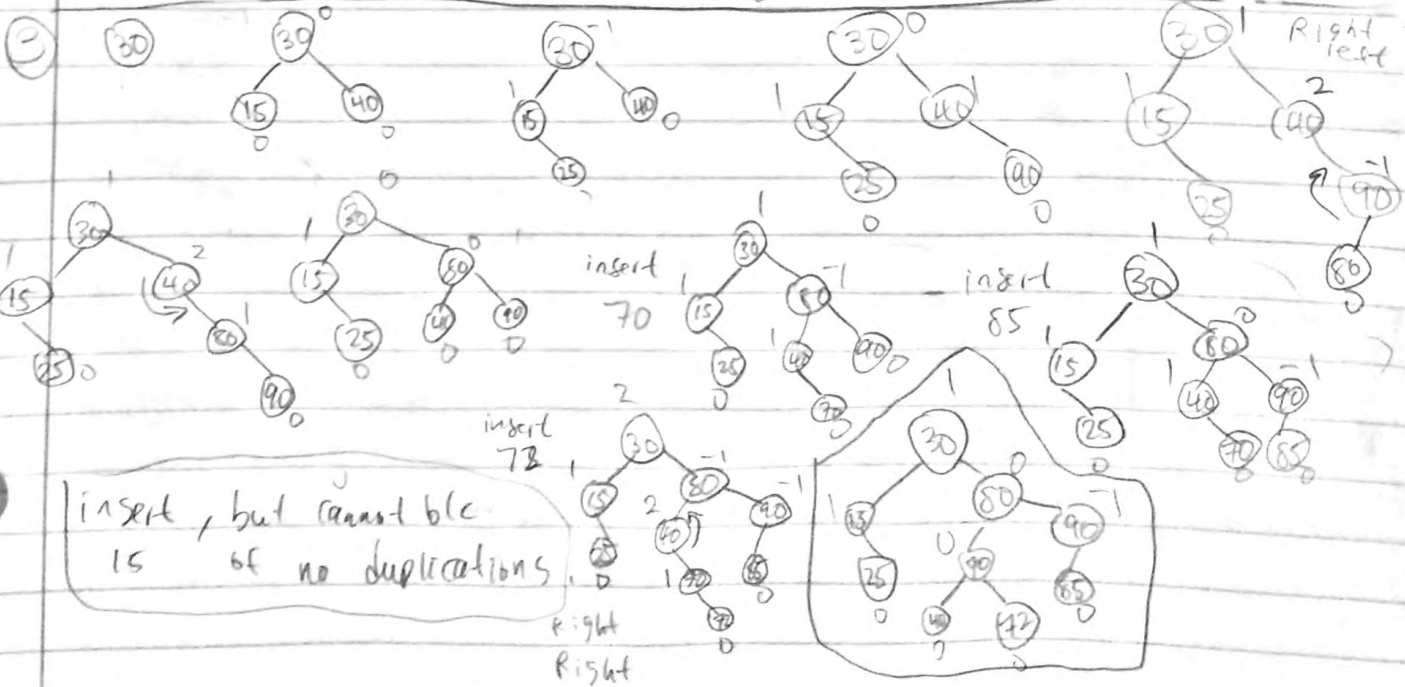
②



Shifting right will make it worse you have to shift left then Right, since it's a Left-Right case.



If shifted right, Shifting Right does not solve the problem.



insert, but cannot b/c 15 of no duplications

Right Right

Programming #1 Pg. 490

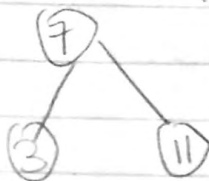
Program the rebalanceRight method

Lab 18

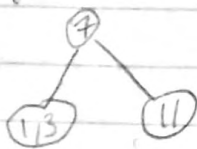
Joshua Kang

① 1, 4, 9

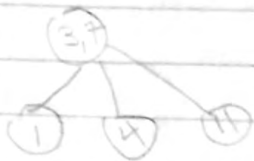
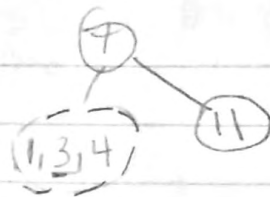
Self Check 1 2 2



insert 1
→



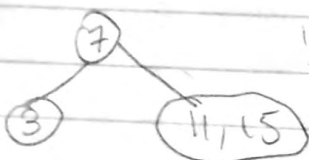
insert 4
→



insert 9
→



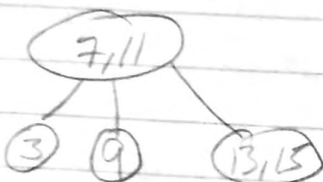
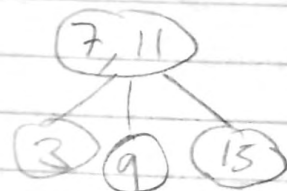
② 9, 13



insert 9
→



⇒



1 & 2

Lab 19 Self check pg 531

(1) 11, 12, 22, 33 — 2, 1, 3, 1

15 max



②

spots 2, 4, 8, 16
at load 1 2 3 4

every other
node is 1

16 firms
5 leads

