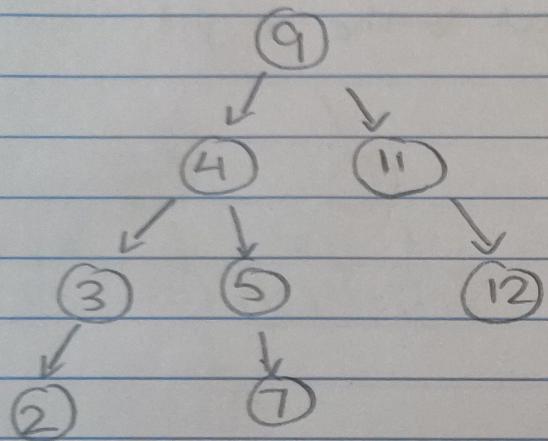
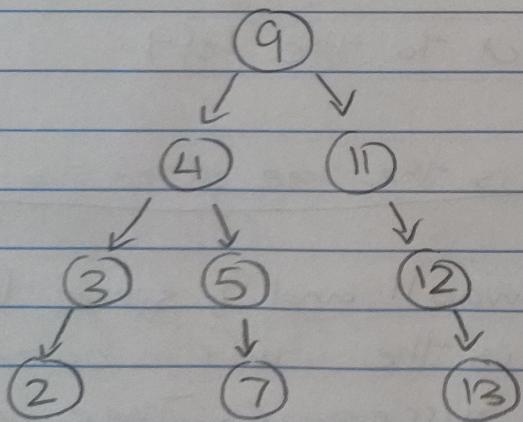


remove 10, tree is still balanced

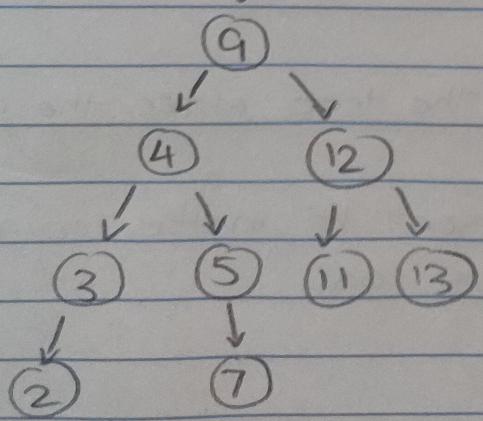


This is the tree after the remove 10.

insert 13 to the correct spot in the BST

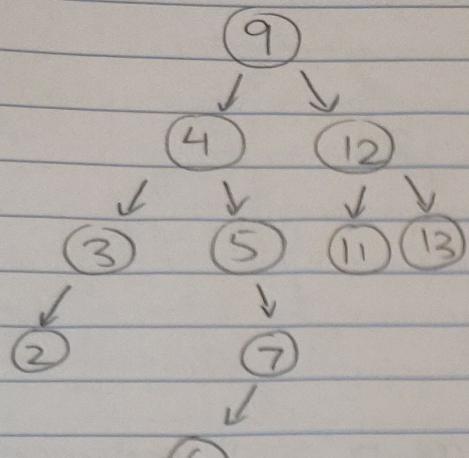


Balance the tree by rotating
11 to the left



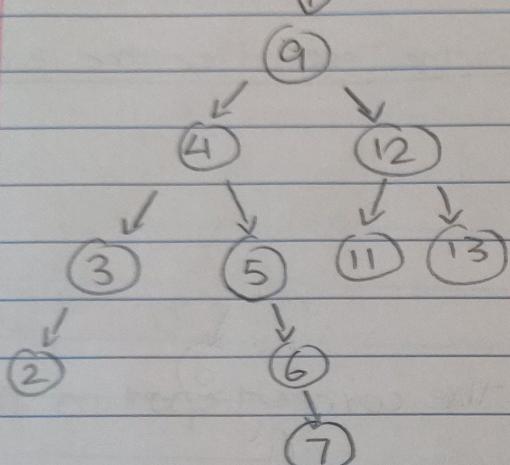
This is the tree after the insert 13

Insert 6 to the correct
spot in the BST

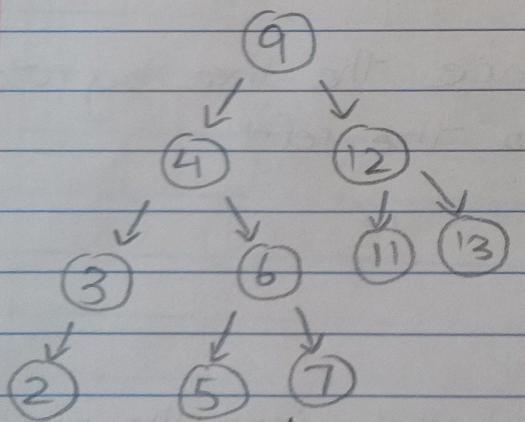


5, 7 and 6 are a zigzag example, so we rotate 7 to the right and 5 to the left

7 is rotated to the right

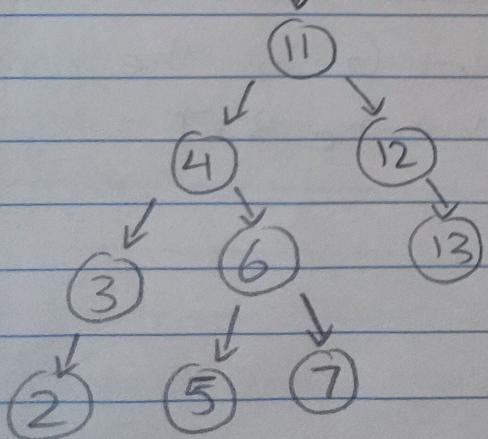


5 is rotated to the left



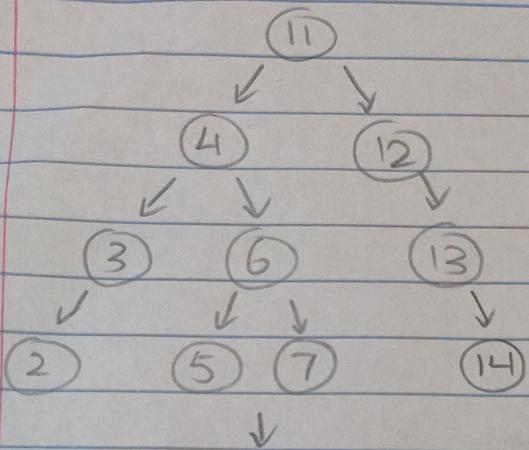
This is the tree after the insert 6

Swap 11 and 9, since 11 is the next in order successor. Then, delete 9.

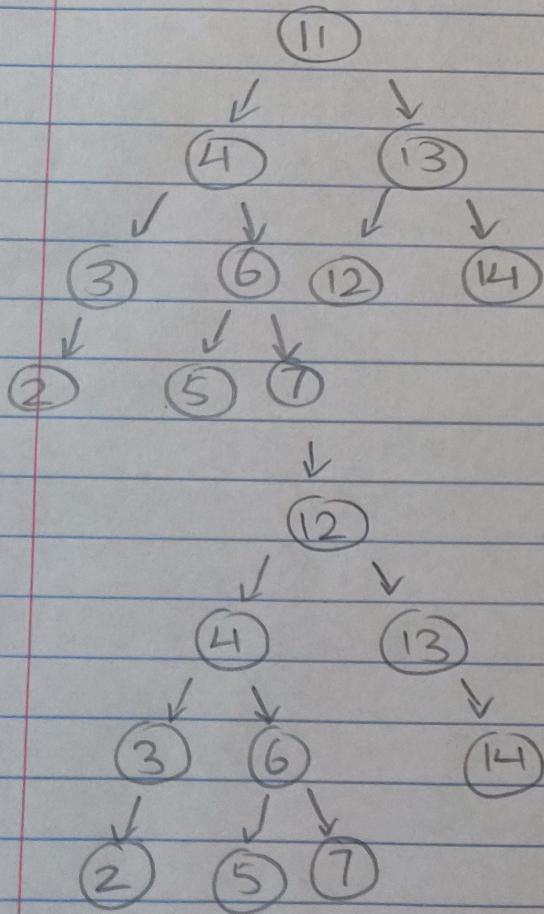


This is the tree after the remove 9

Insert 14 in the correct position.



Balance the tree by
rotating 12 to the left



This is the tree after the insert 14

Swap 11 and 12, since 12
is the next in order
successor. Then, delete 11.

This is the tree after remove 11.

This is the final tree.