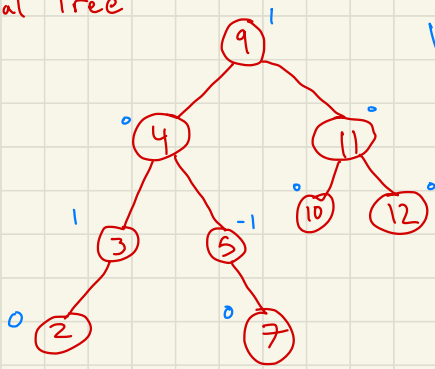


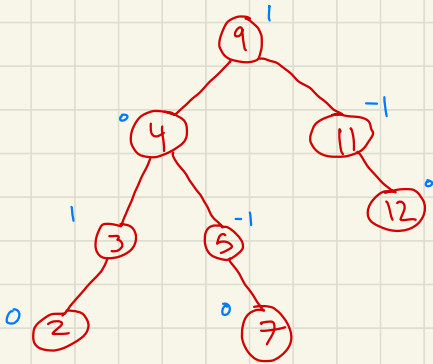
Initial Tree



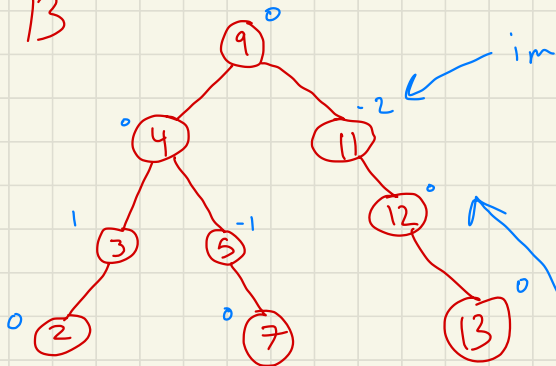
balance in blue

Remove 10

10 is a leaf node so remove it

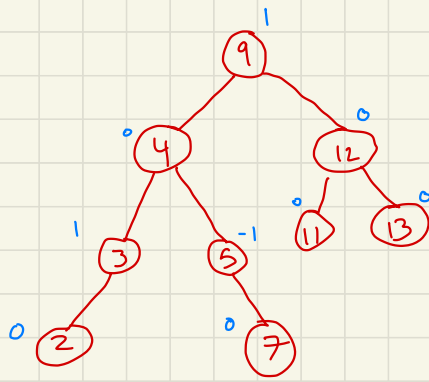


Insert 13

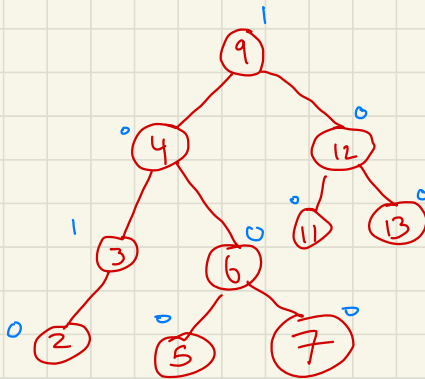
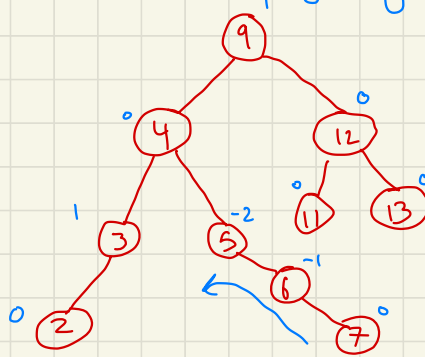
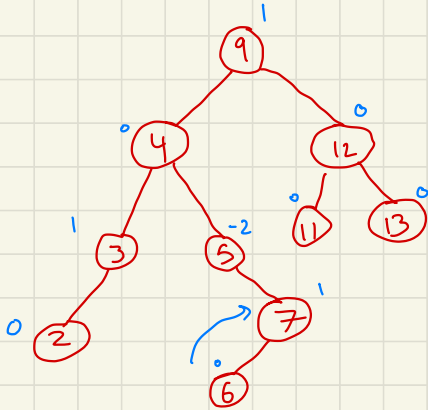


imbalance!

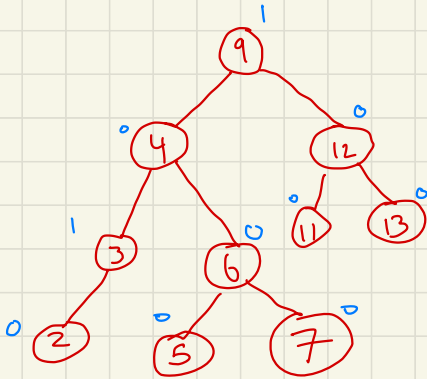
rotate left



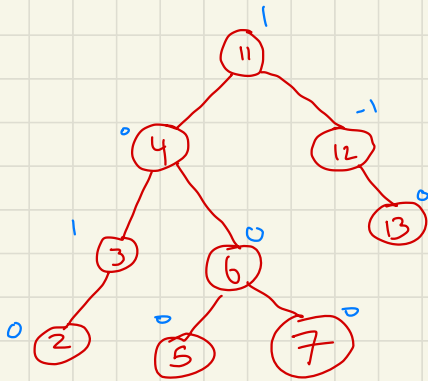
Insert 6 unbalanced! need to do zig, zag!



Remove 9



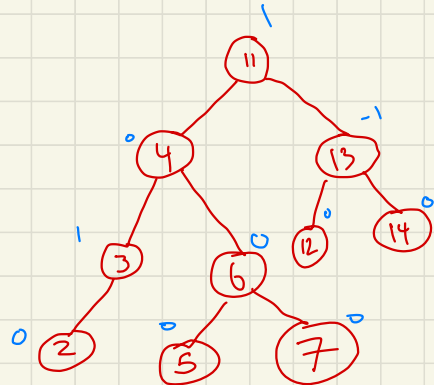
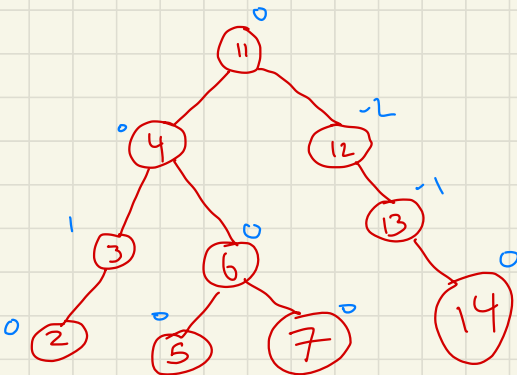
9's successor is 11
delete & swap



Insert 14

imbalanced

rotate!



Remove 11

11's successor is 12
delete & swap

