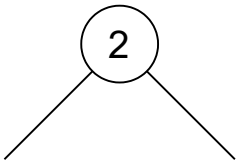
Name: Samuel Ng
ID: K210032

Balance Search Tree

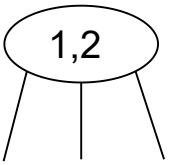
2 1 0 0 3 2

Insert 2



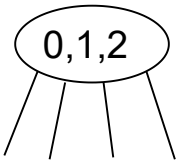
Convert 2 node

Insert 1



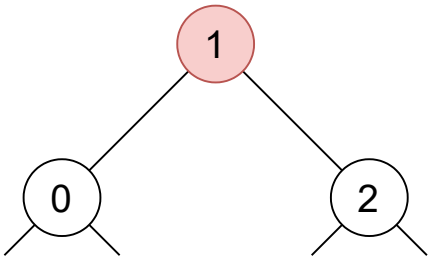
2 node converted into 3 node

Insert 0



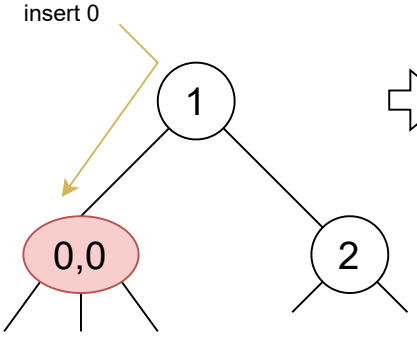
3 node converted into 4 node

Split 4-node



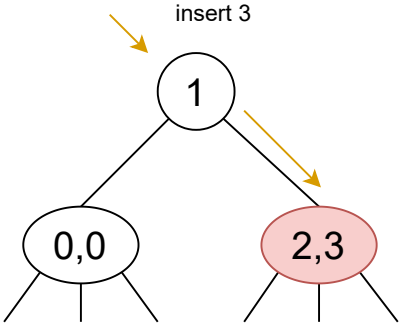
1 moved as a parent

insert 0



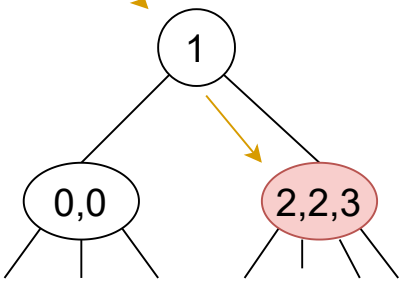
2 node converted into 3 node

insert 3



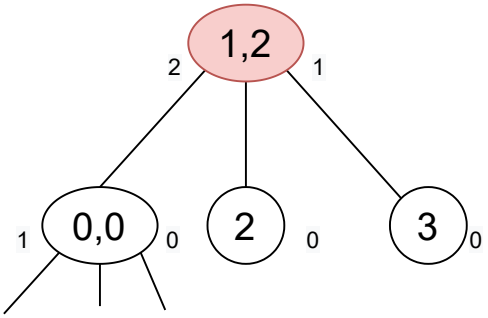
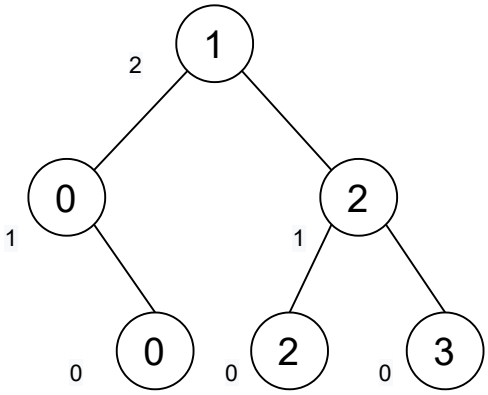
2 node converted into 3 node

insert 2



3 node converted into 4 node

Splited 4 node



Insertion Completed