# Coding AVL

Monday, January 13, 2025    9:45 AM


Coding a RR switch
Give the root and child a reference (A and C)
C.left = A
A.right = T2


RL (Case 3)
A = root
C = root.right
B = C.left
T1 = A.left
T3 = C.right
T2L = B.left
T2R = B.right

A.left = T1
A.right = B
C.left = T2R
B.right = C

B.left = A
A.right = T2L
B.right = C



Insert 3,2,1,4,5,6,7

Class BinaryTreeNode (self, value, left = None, right = None, height=0)
        value: int
        left: BinTreeNode
        right: BinTreeNode
        height: int

def insert(val, curr):

Height of an element is the max height of its two subtrees
        -Represent an empty one with –1