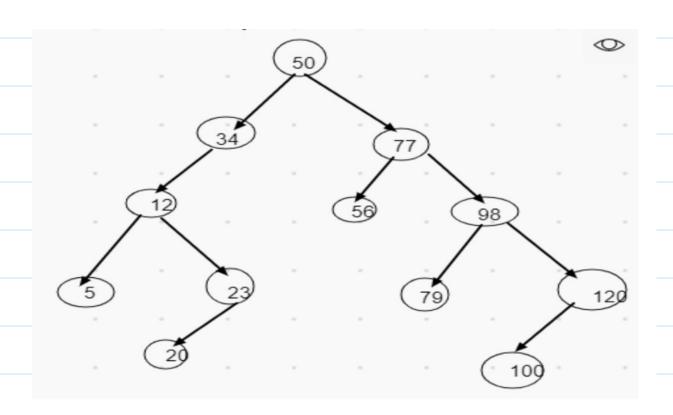


Pre-67,27,19,66,35,40,100,98,83,69, 75,99,200

Post - 8,19,40,35,66,27,75,69,83,99,98,200,

In-8,19,27,35,40,66,67,100,98,85,69,75



Pre - 50,34,12,5,23,20,77,56,98,79,120,100

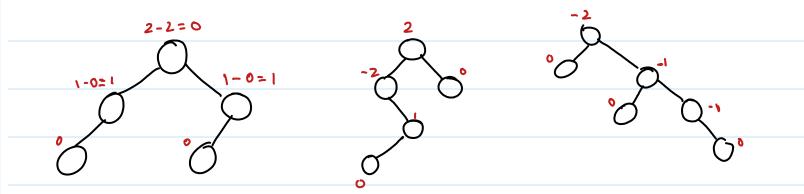
In - 5,12, 20, 23, 34, 50, 56, 77, 79, 98, 100, 120

Post = 5, 20, 23, 12, 34, 56, 79, 160, 120, 98, 77, 50

AVL Tree

Balance Factor = height of left subtree - height of right subtree
$$|bf| = hL - hR = \{-1, 0, 1\}$$

 $|bf| = |hL - hR| \le 1$



Rotations



