## DEAKIN UNIVERSITY

## DATA STRUCTURES AND ALGORITHMS

ONTRACK SUBMISSION

## **AVL-Trees**

Submitted By: Iftekhar QURESHI qureshii 2020/09/30 16:38

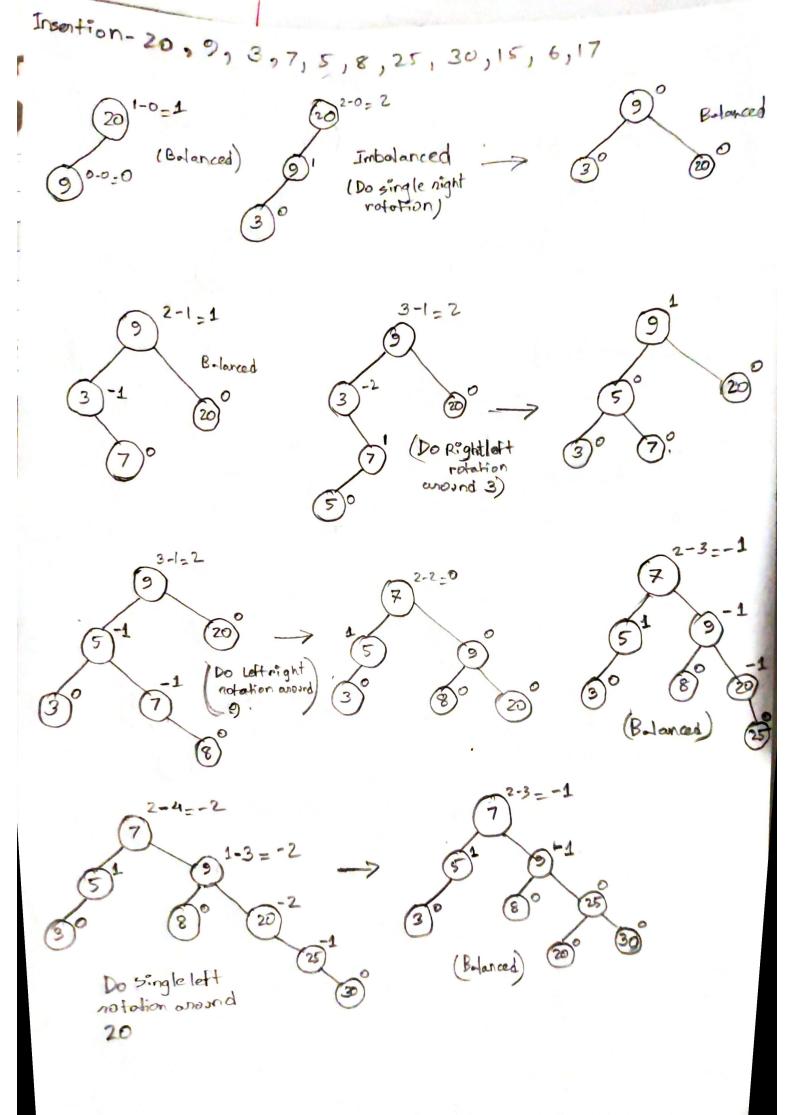
 ${\it Tutor:} \\ {\it Maksym Slavnenko}$ 

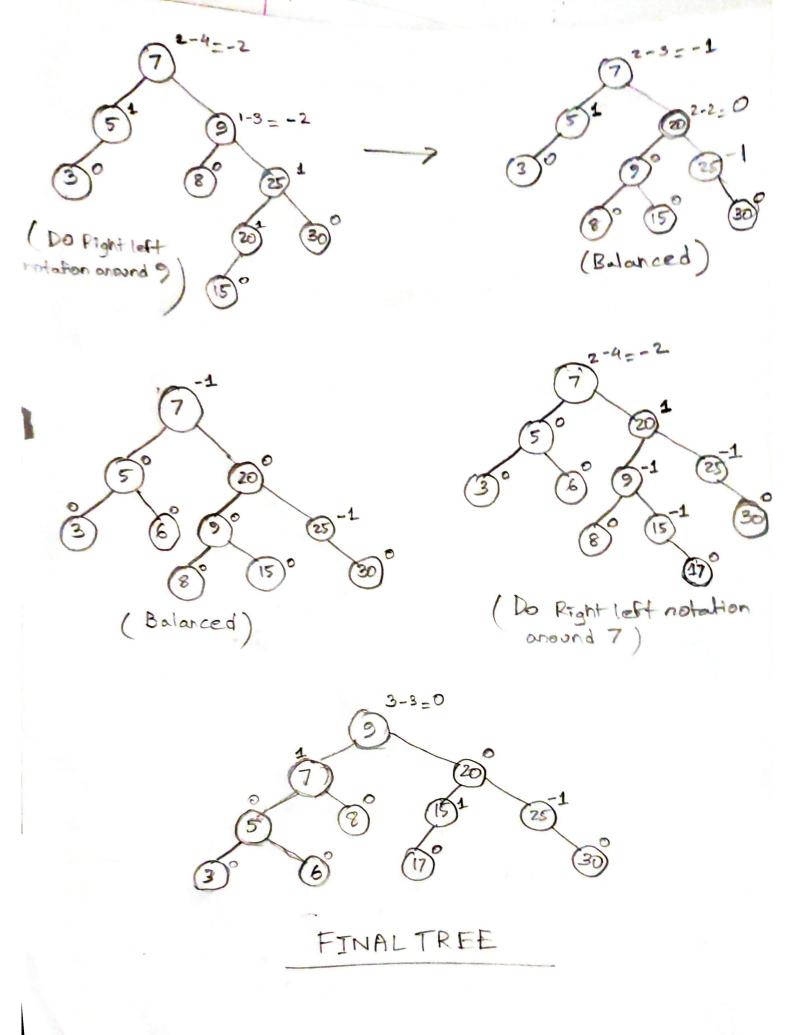
Outcome	Weight
Implement Solutions	$\Diamond\Diamond\Diamond\Diamond\Diamond$

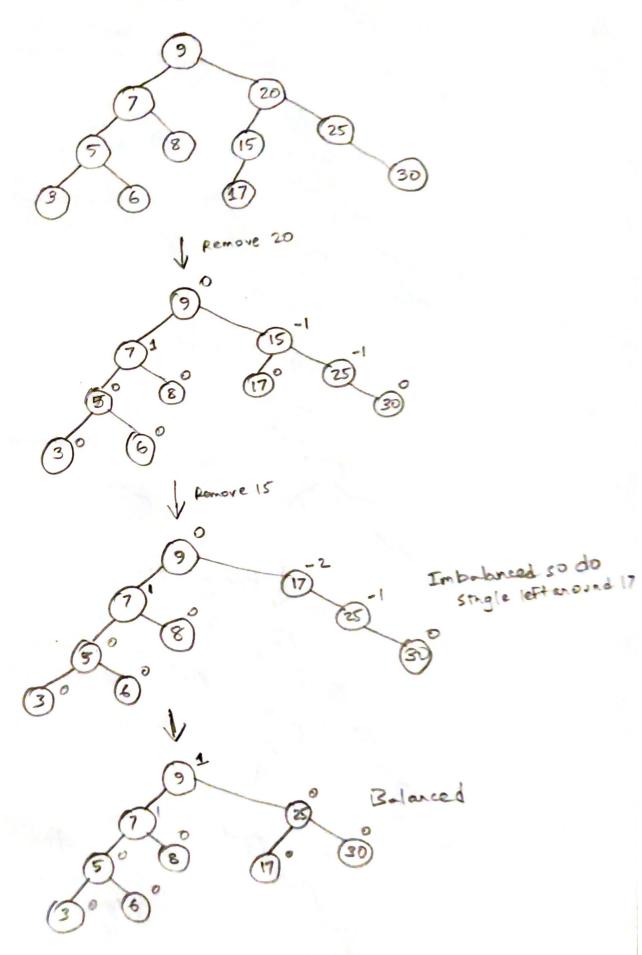
This task was to help us learn the concept behind AVL trees which is a type of binary search tree.

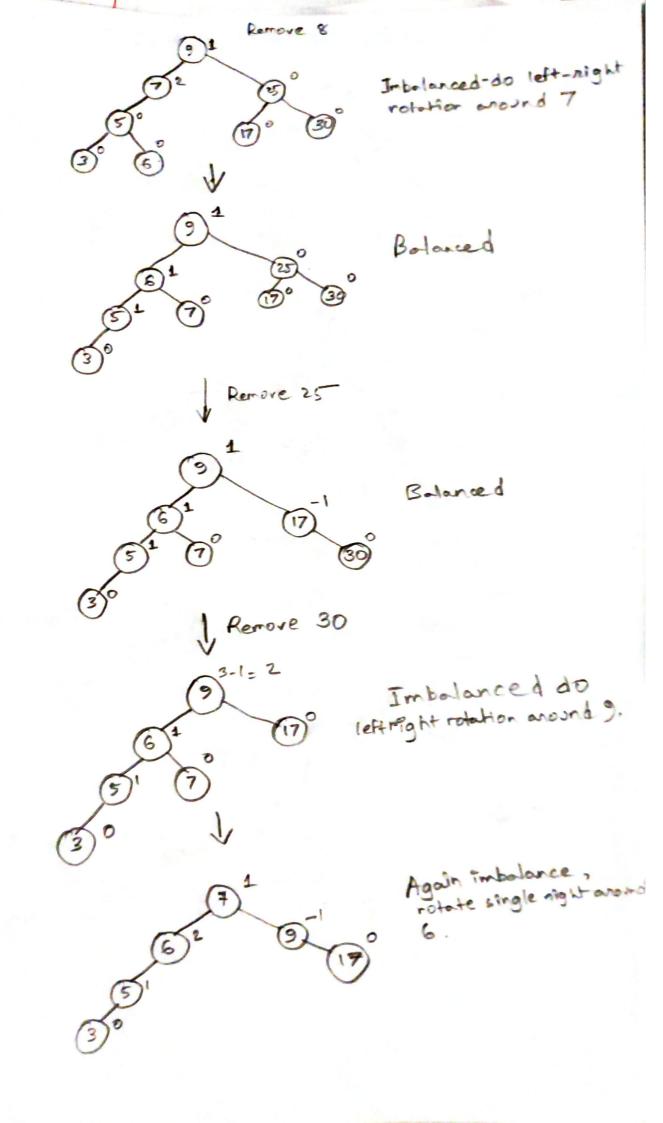
September 30, 2020

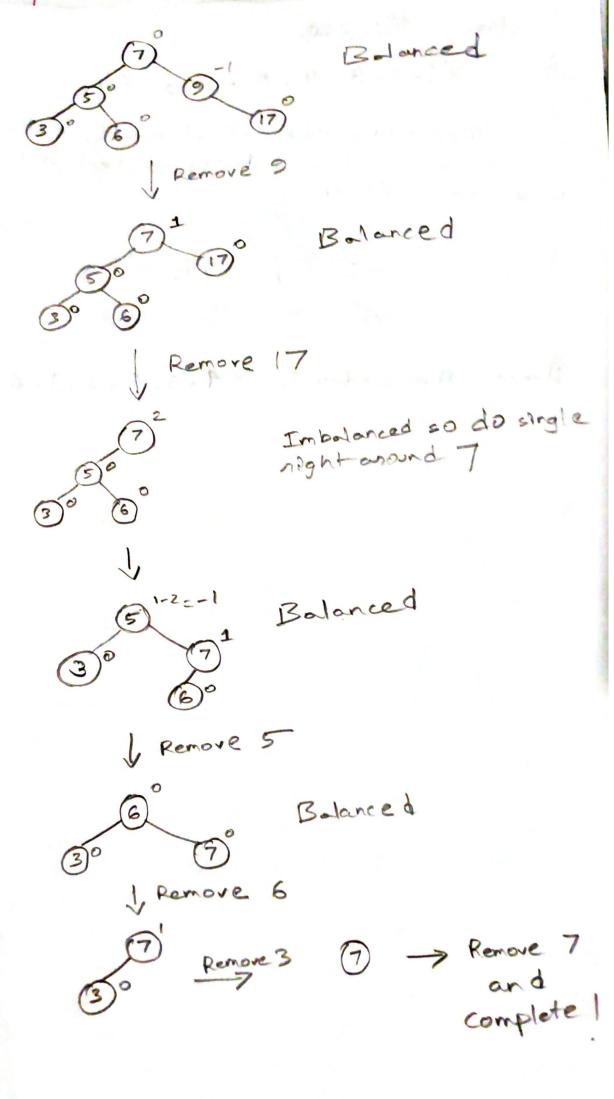






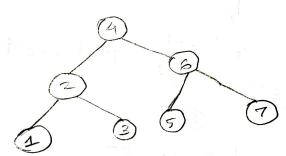






3. {1,2,3,4,5,6,7}

Since odd number of elements, take the median as root and boild the left and right subtrees.



Hence, the order is {4,2,6,1,3,5,79