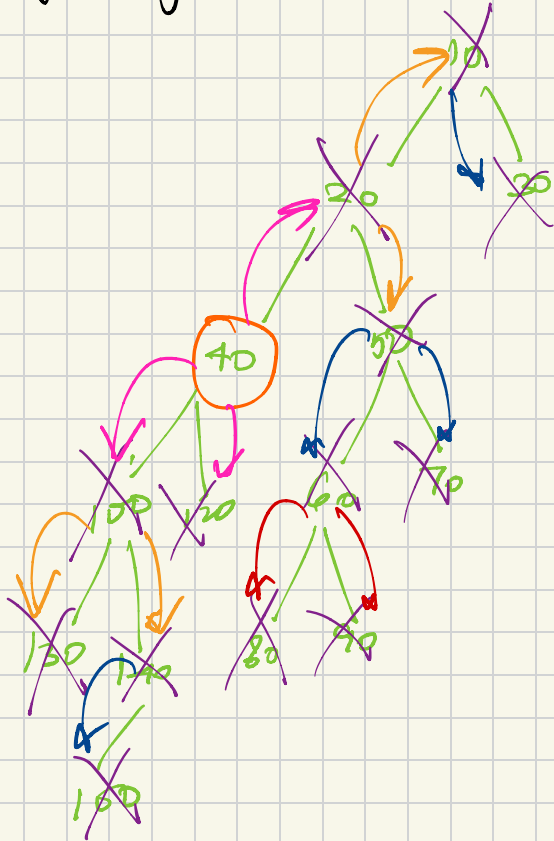




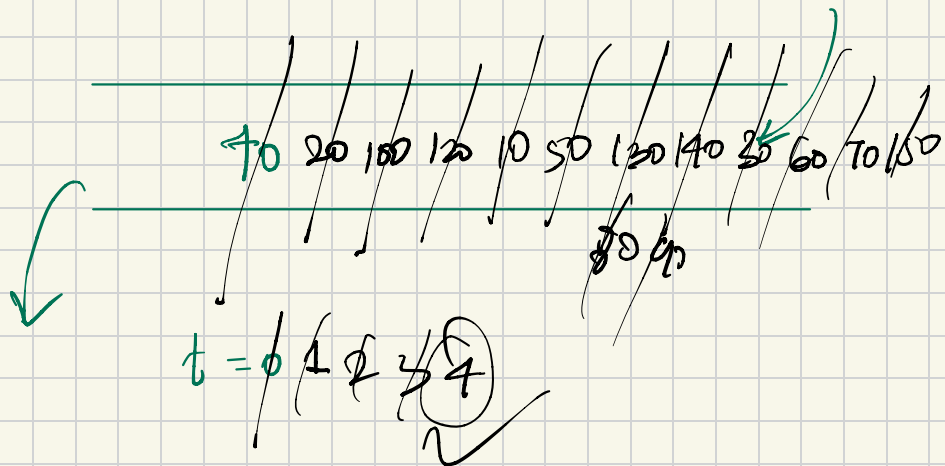
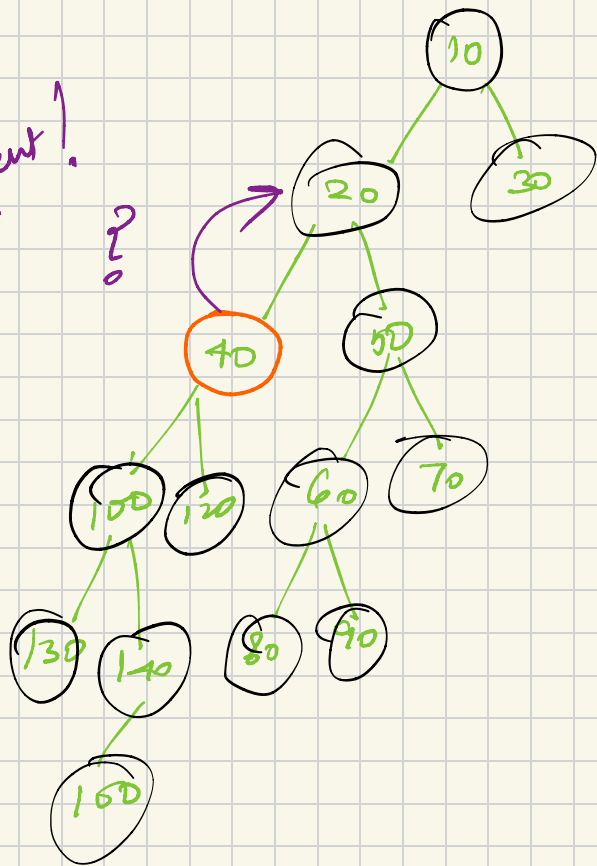
Burning of Trees



$t = 0, 1, 2, 3, 4$

4 units of time.
Burn the whole tree }

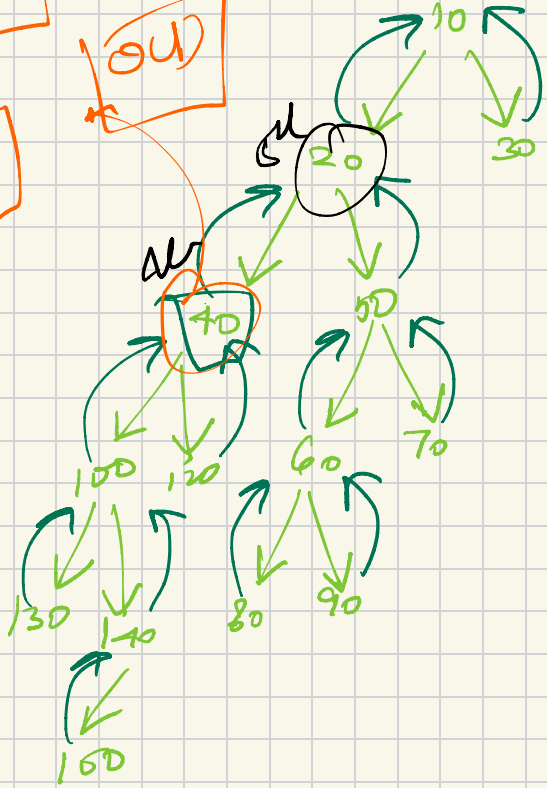
Parent?
= ?



HashSet

old

old



HashMap

key

value

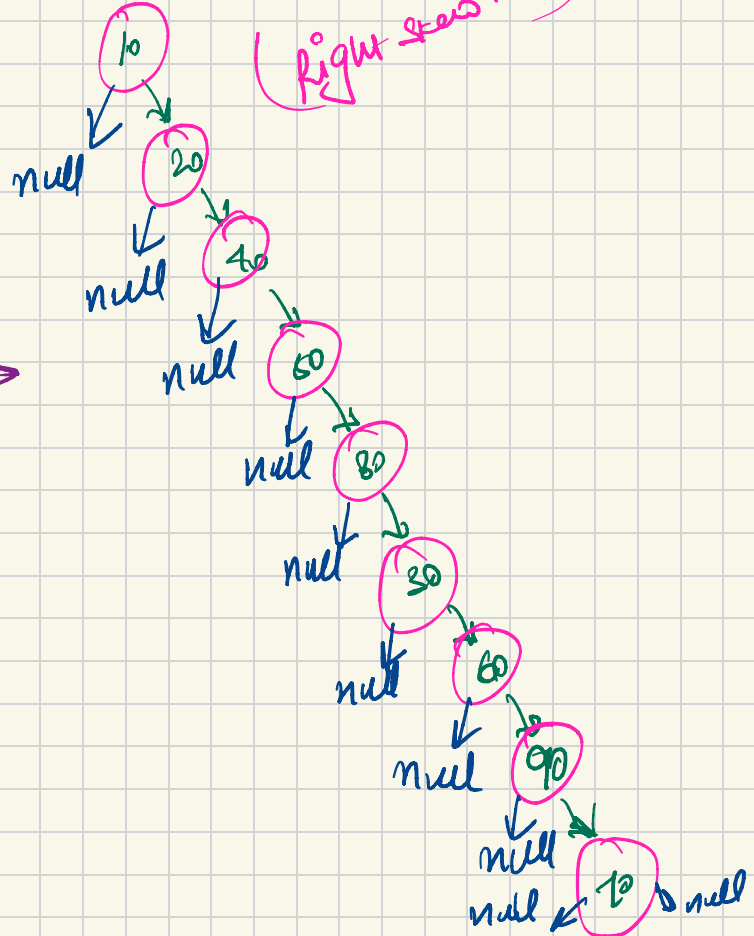
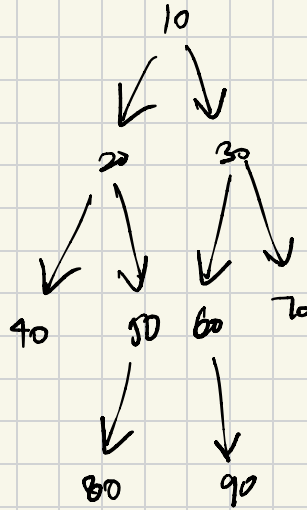
child → parent

sk → sk

flatten a binary Tree

in place

(BT)



ferth: flattens the BinaryTree

void flatten(Node root)

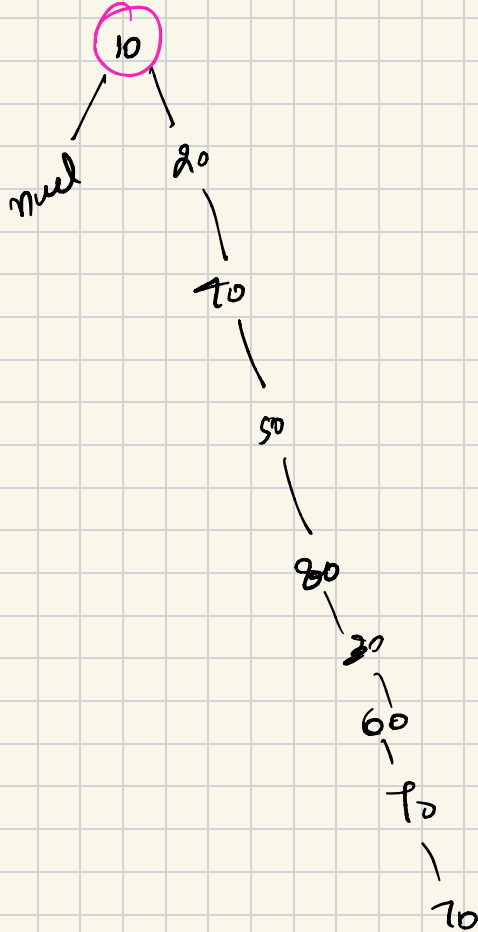
}

flatten(root.left);

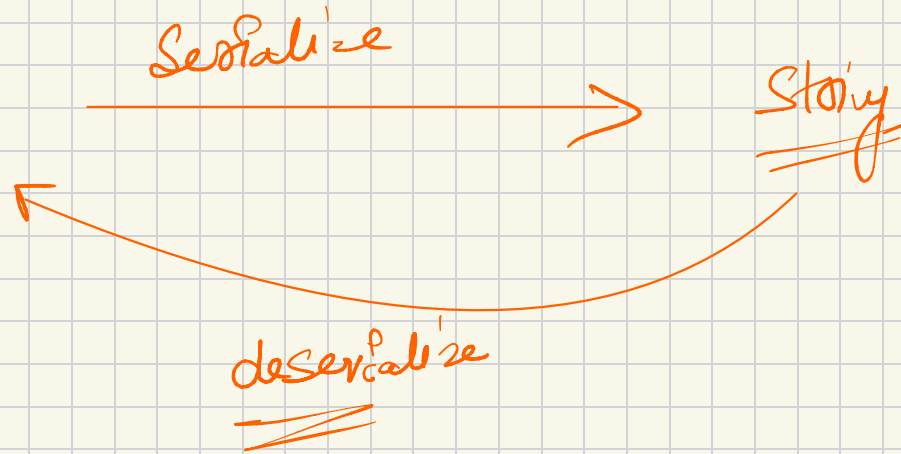
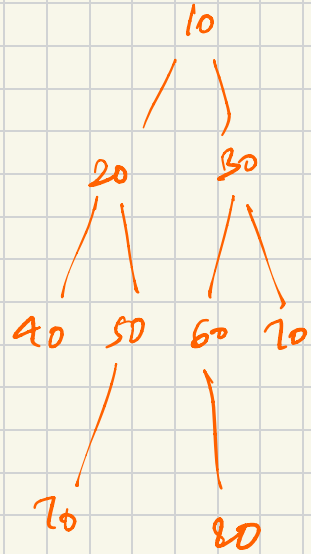
flatten(root.right);

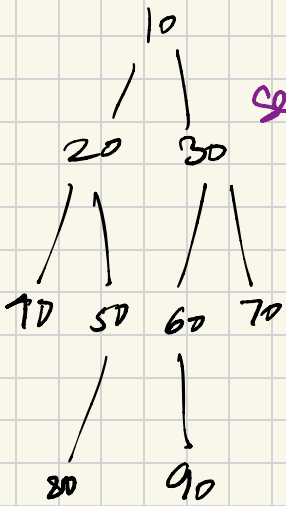
return;

}



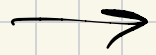
Serialize and Deserialize



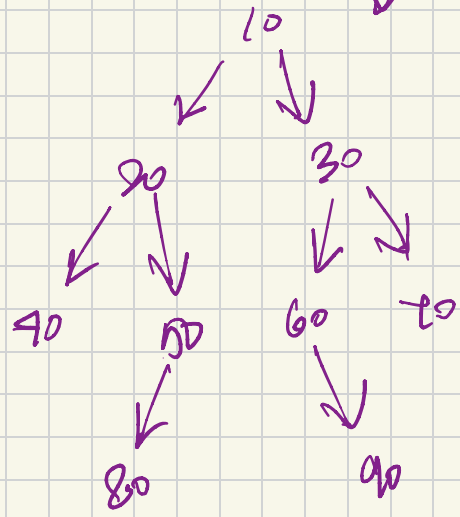


Serialize

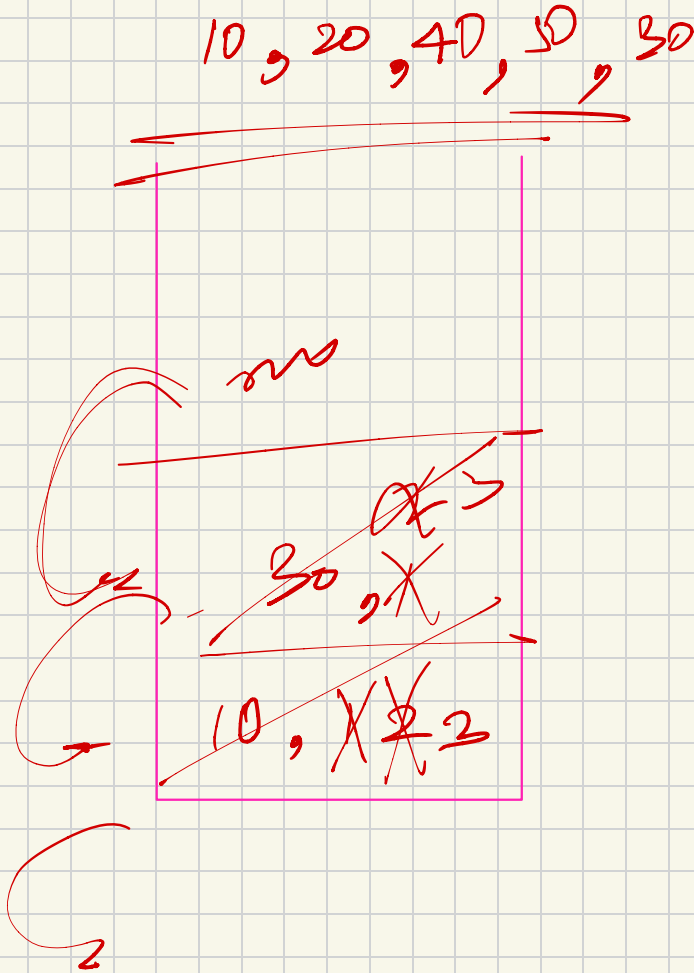
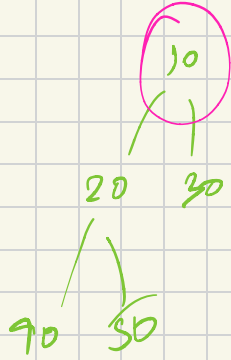
"10, 20, 40, n, n, 50, 80, n, n, n, 30, 60, n, 90, n, n, 70, n, n"



Deserialize



In Order Iteratively



Doubt?