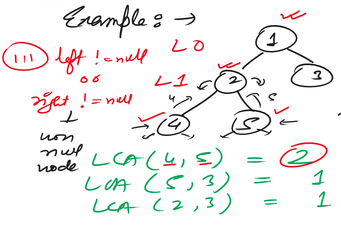
Lowest Common Ancestor : Leet Code

Example : →

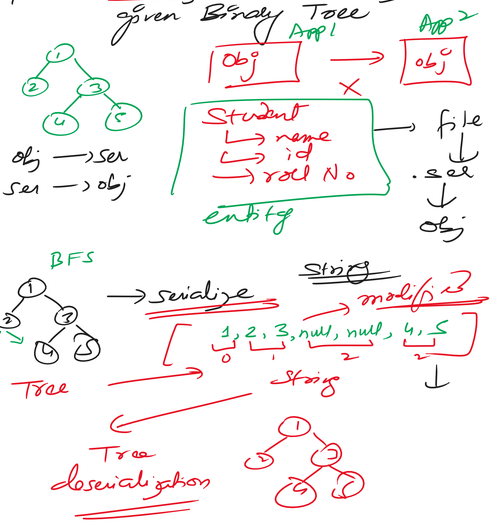


Base Cases :

(i) root == null or root == p or root == q → return root

(ii) left != null && right != null → root

#297 Serialize & Deserialize a given Binary Tree



Left & Right views of a Binary Tree

Left View → 1, 2, 4

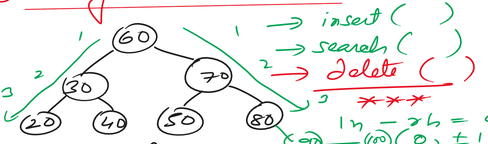
Right View → 1, 3, 7

* Don't ask anyone for help, try to write this code from scratch on your own.

```
public class LeftRightViews {
    public static void LV (root);
    public static void RV (root);
}
```

Introduction to Search Trees

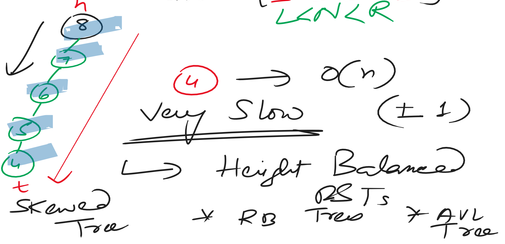
(1) Binary Search Trees : →



Drawbacks : → (log N)

arr = [7, 6, 5, 4]

L < N < R



Implementation of BST :

(i) insert ( )

(ii) search ( )

(iii) delete ( ) → L < N < R

(Conditions)

(iv) Inorder (BST) → Ascending Order