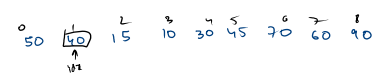
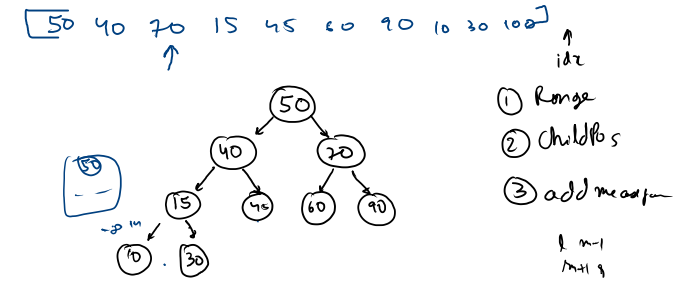
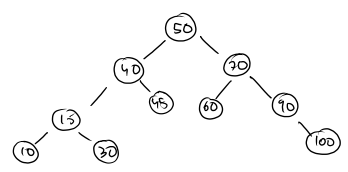
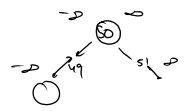


Node a = 40
Node b = 30

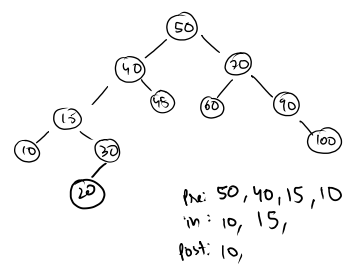
1 swap



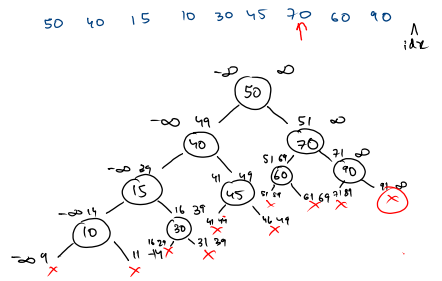
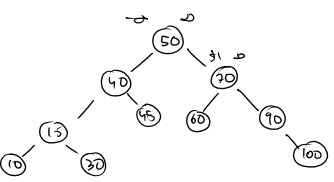
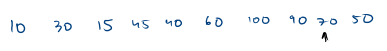
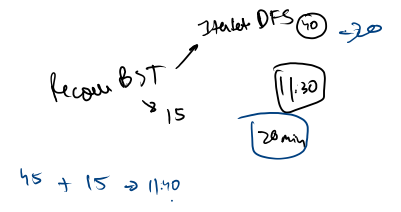
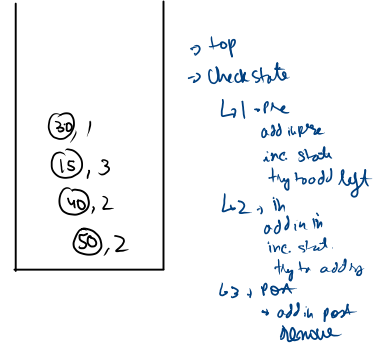
```
public static int idx;
public static TreeNode construct(int[] pre, int left, int right) {
    if (idx == pre.length) return null;
    if (pre[idx] < left || pre[idx] > right) return null;
    int val = pre[idx];
    TreeNode me = new TreeNode(val);
    idx++;
    me.left = construct(pre, left, val);
    me.right = construct(pre, val, right);
    return me;
}
```



Iterative DFS



DFS = Recursion



1. Const. bst from inorder ✓
 2. Const. bst from pre
 3. Const. bst from post
 4. Const. bst from levelorder
 5. Recover BST
- Iterative dfs ----

Inorder Trav.

