Traversals - Pre / Am / Poet / Level Order

1) Same tree

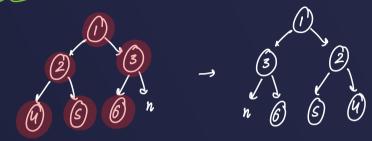
For any neartine traversal in tree the S.C. = O(h)/O(n)

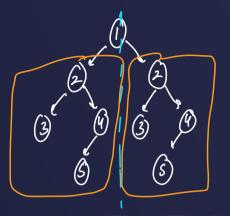
h = haight of tree

 $T \cdot C = O(n)$ $C \cdot C \cdot = O(n) / O(\log n)$ Bolanced thee

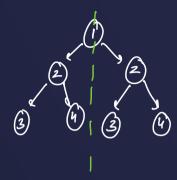
🚷 skills

2) Invert Tree: 226

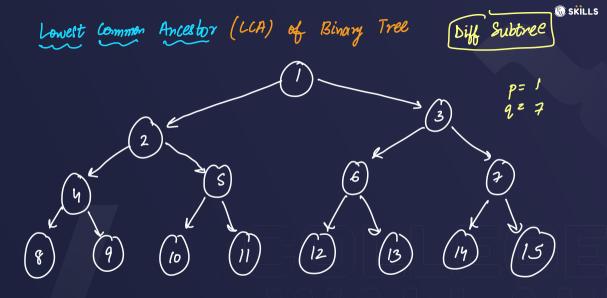




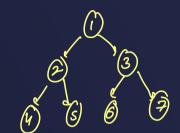
TC SC



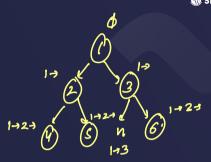
sym(1) -> sym(2) 24 sym(2) 0

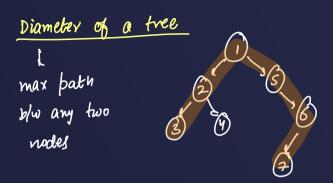


printpath (root, "")

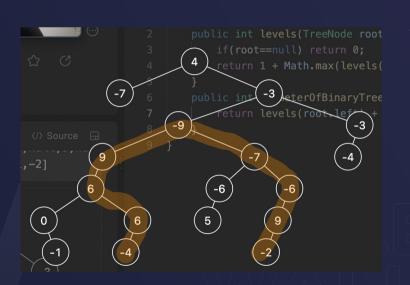


```
public void helper(TreeNode root, String str. List<String> arr){
    if(root==null) return;
    if(root.left==null && root.right==null){
        arr.add(str+root.val):
        return:
    helper(root.left str+root.val+"->".arr);
    helper(root.right,str+root.val+"->",arr);
public List<String> binaryTreePaths(TreeNode root) {
    List<String> arr = new ArrayList<>():
    helper(root,"".arr);
    return arr;
```









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Is this visible

Bad Writing is gone