# 1110. Delete Nodes And Return Forest

## SOLUTION IN JAVA

class Solution {

public List<TreeNode> delNodes(TreeNode root, int[] to\_delete) {

List<TreeNode> ans = new ArrayList<>();

Set<Integer> toDeleteSet = Arrays.stream(to\_delete).boxed().collect(Collectors.toSet());

dfs(root, toDeleteSet, true, ans);

return ans;

}

private TreeNode dfs(TreeNode root, Set<Integer> toDeleteSet, boolean isRoot,

List<TreeNode> ans) {

if (root == null)

return null;

final boolean deleted = toDeleteSet.contains(root.val);

if (isRoot && !deleted)

ans.add(root);

root.left = dfs(root.left, toDeleteSet, deleted, ans);

root.right = dfs(root.right, toDeleteSet, deleted, ans);

return deleted ? null : root;

}

}