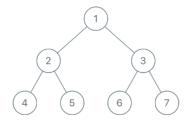
```
Medium ♥ Topics ♠ Companies
```

Given the root of a binary tree, each node in the tree has a distinct value.

After deleting all nodes with a value in to_delete, we are left with a forest (a disjoint union of trees).

Return the roots of the trees in the remaining forest. You may return the result in any order.

Example 1:



```
Input: root = [1,2,3,4,5,6,7], to_delete = [3,5]
Output: [[1,2,null,4],[6],[7]]
```

Example 2:

```
Input: root = [1,2,4,null,3], to_delete = [3]
Output: [[1,2,4]]
```

```
/**
* Definition for a binary tree node.
* public class TreeNode {
     public var val: Int
      public var left: TreeNode?
     public var right: TreeNode?
     public init() { self.val = 0; self.left = nil; self.right =
nil; }
     public init( val: Int) { self.val = val; self.left = nil;
self.right = nil; }
      public init( val: Int, left: TreeNode?, right:
TreeNode?) {
          self.val = val
          self.left = left
          self.right = right
      }
* }
* /
class Solution {
```

```
func delNodes(_ root: TreeNode?, _ to_delete: [Int]) ->
[TreeNode?] {
       var ans = [TreeNode?]()
       var hash = Set(to delete)
       func dfs( root: TreeNode?) {
           guard let root = root else {
               return
           }
           dfs(root.left)
           dfs(root.right)
           if (hash.contains(root.val)) {
               if(root.left != nil ) {
                   ans.append(root.left)
               }
               if(root.right != nil) {
                   ans.append(root.right)
               root.left = nil
               root.right = nil
           }
           if(root.left != nil && hash.contains(root.left!.val)) {
               root.left = nil
           if(root.right != nil && hash.contains(root.right!.val))
{
               root.right = nil
           }
       }
       if(root != nil && !hash.contains(root!.val)){
           ans.append(root!)
       }
       dfs(root)
       var ans2:[TreeNode?] = []
       for i in ans where !hash.contains(i!.val) {
           ans2.append(i)
       }
       return ans2
   }
}
```