Construct BST from Postorder

Given postorder traversal of a Binary Search Tree, you need to construct a BST from postorder traversal. The output will be inorder traversal of the constructed BST.

Example 1:

```
Input:
6
1 7 5 50 40 10

Output:
1 5 7 10 40 50

Explanation:
Testcase 1: The BST for the given post order traversal is:
![](_resources/e3e40e9912f44a48b9ac7af89d7bb0fe.jpg)

Thus the inorder traversal of BST is: 1 5 7 10 40 50.
```

Your Task:
The task is to complete the function **constructTree()** which takes an array post[], size as as the argument and returns the root of BST.

Expected Time Complexity: O(Height of the BST)
Expected Auxiliary Space: O(Height of the BST)

Constraints:
1 <= T <= 100
1 <= N <= 100

```python
import sys
class Solution:
    def constructTree(self,post,n):
        # code here
        self.idx = n-1
        lo = -sys.maxsize
        hi = sys.maxsize
        return self.helper(post,lo,hi)

    def helper(self,post,lo,hi):
        if self.idx<0 or post[self.idx]<lo or post[self.idx]>hi:
```

```
            return None

        node = Node(post[self.idx])
        self.idx-=1
        node.right = self.helper(post,node.val,hi)
        node.left = self.helper(post,lo,node.val)
        return node
```