

Leetcode → 897.

Increasing. Order Search Tree.

```

struct TreeNode* increasingBST(struct TreeNode* root){
    if (!root)
        return root;
    struct TreeNode* lft = increasingBST(root->left);
    if (lft){
        struct TreeNode* temp = lft;
        while (temp->right){
            temp = temp->right;
        }
        root->left = NULL;
        root->right = root;
        root->right = increasingBST(root->right);
        root = lft;
    }
    else
        root->right = increasingBST(root->right);
    return root;
}

```

Case 1:-

I/P:-

root = [5, 3, 6, 2, 4, null, 8, 1, null, null, null, 7, 9].

O/P:-

[1, null, 2, null, 3, null, 4, null, 5, null, 6, null, 7, null, 8, null, 9].

Expected:

[1, null, 2, null, 3, null, 4, null, 5, null, 6, null, 7, null, 8, null, 9].

Case 2:-

I/P:-

root = [5, 1, 7].

O/P:-

[1, null, 5, null, 7]

Expected:-

[1, null, 5, null, 7].

Ans
1/5/24