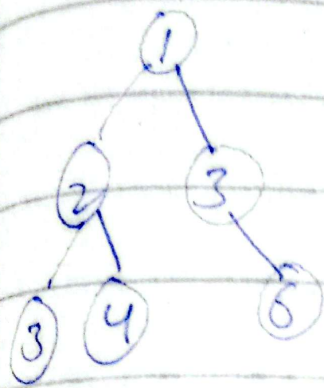


# Flatten Binary Tree to Linked List



Preorder  
Root  
Left  
Right

Linked List  $\rightarrow$  Next =  
Tree  $\rightarrow$  Right

(Reverse Order)

NextRight = last  
visited  
Node

1  $\rightarrow$  2  $\rightarrow$  3  $\rightarrow$  4  $\rightarrow$  5  $\rightarrow$  6

We will follow the reverse order of Preorder traversal

- ① Right subtree      ② left subtree      ③ Root

```
flatten(root) {  
    if (root == NULL) return;  
    flatten(root->right);  
    flatten(root->left);  
    root->left = NULL;  
    root->right = NR;  
    nextRight = root;  
}
```

TC  
 $O(n)$