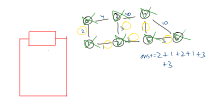
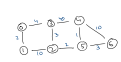
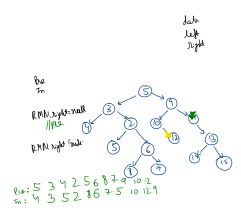
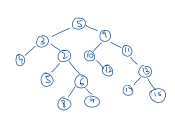
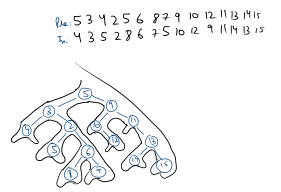


DFS Recursion ✓
 Iterative → Recursion DFS
 O(1) → Recursion
 Morris Traversal
 O(1) → space
 O(N) → time



	0	1	2	3	4	5	6
0		2					
1	2		10				
2		10		2			
3						10	
4							
5	0		2				
6					10		

```

curr = root
while (curr != null) {
  if (curr.left == null) {
    // pre work
    // in work
    curr = curr.right
  } else {
    Node xmn = curr.left
    while (xmn.right != null && xmn.right != curr) {
      xmn = xmn.right
    }
    if (xmn.right == null) {
      // pre work
      xmn.right = curr
      curr = curr.left
    } else {
      // in work
      xmn.right = null
      curr = curr.right
    }
  }
}

```

