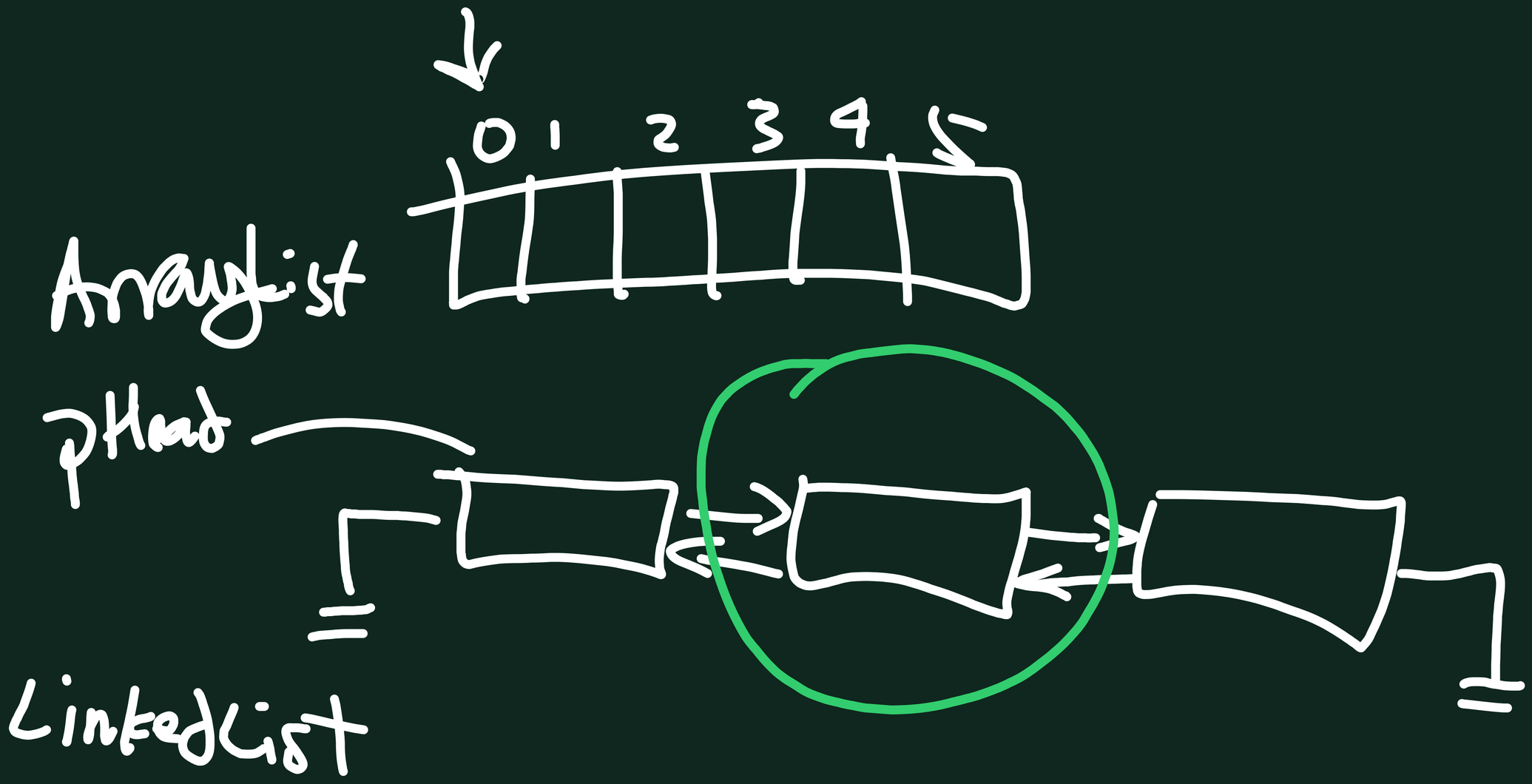
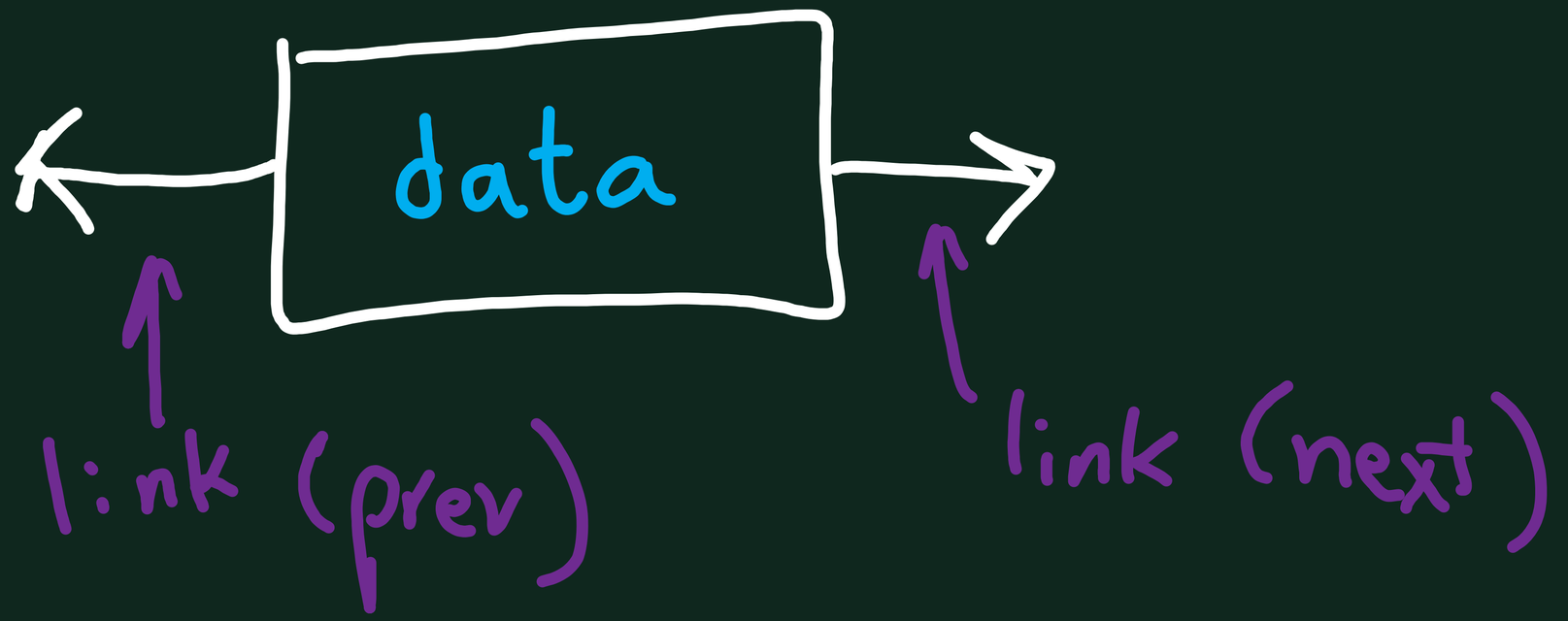
Data Structures


0 1 2 3 4
ArrayList
pHead
LinkedList

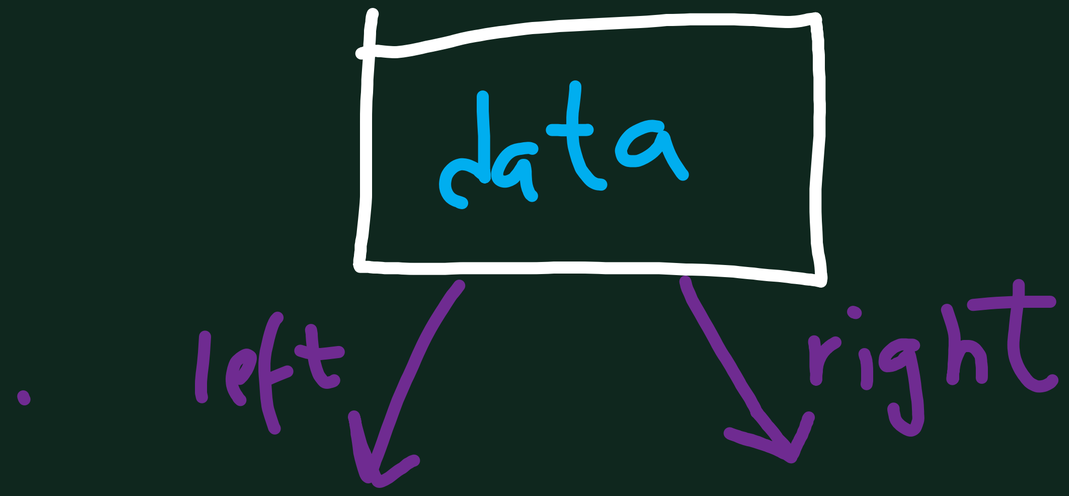
Node



```
public class Node {
    private/public Node next;
    private/public Node prev;
    private/public String data;

    // Constructors
    // accessor/modifier methods if
    // instance variables private
    // toString will be useful!
}
```

Binary Tree



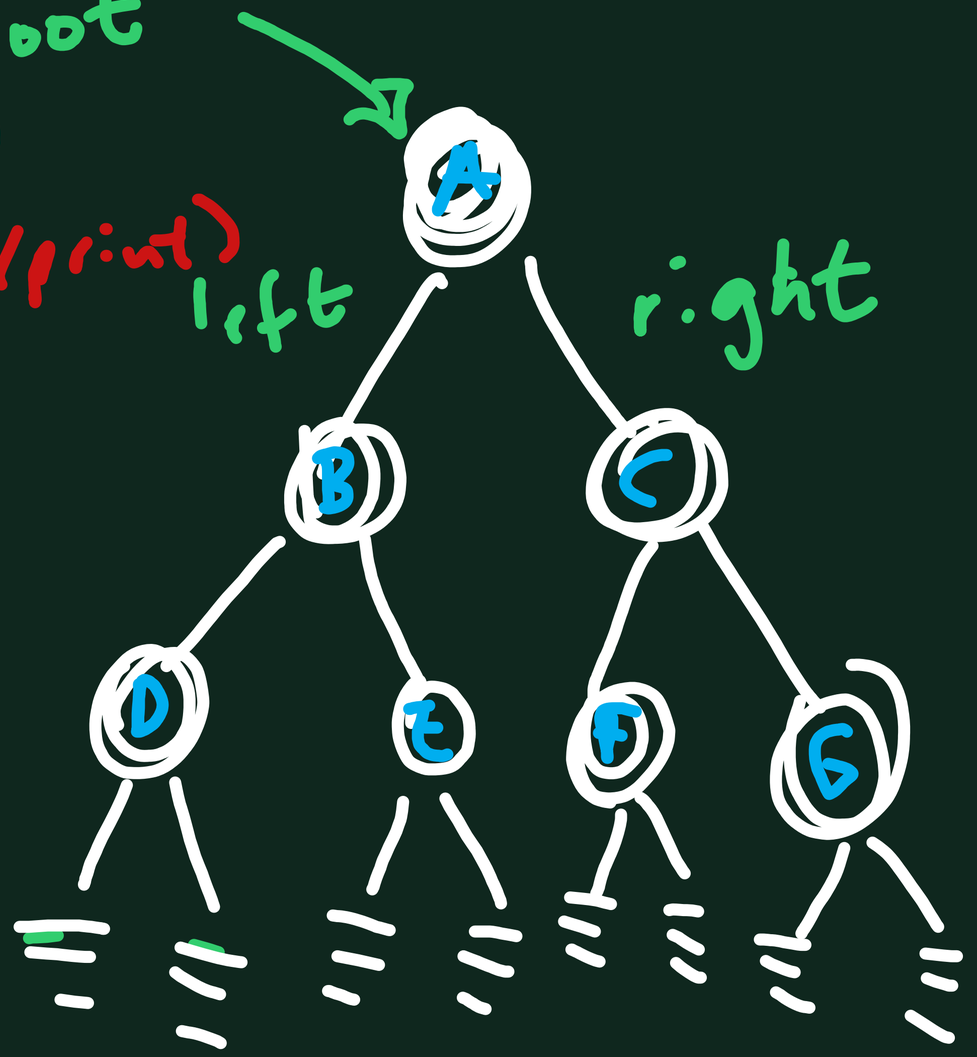
```
public class BTNode {
    private/public BTNode left;
    private/public BTNode right;
    private/public String data;

    // Other stuff
        Constructors
        Methods ?
        toString method will be handy!
```

PREORDER (node)
root
if(node != null)
PARENT (print)
LEFT
RIGHT

INORDER
LEFT
PARENT
RIGHT

POSTORDER
LEFT
RIGHT
PARENT



BTNode

link

null

PRE-ORDER
IN-ORDER
POST-ORDER