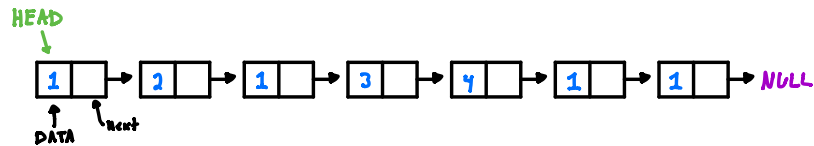


Singular Linked List- Count Occurrences



Iteratively

```
def count_occurrences_iterative(self, data):  
    count = 0  
    cur = self.head  
    while cur:  
        if cur.data == data:  
            count += 1  
        cur = cur.next  
    return count
```

← Pass in Data element we want to check
Number of Occurrences

loop thru
keep
Count

Recursively

```
def count_occurrences_recursive(self, node, data):  
    if not node:  
        return 0  
    if node.data == data:  
        return 1 + self.count_occurrences_recursive(node.next, data)  
    else:  
        return self.count_occurrences_recursive(node.next, data)
```