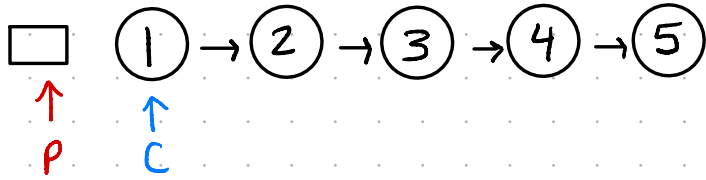


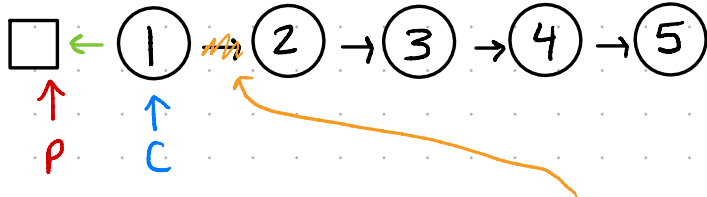
Reverse Linked List

head = [1, 2, 3, 4, 5]



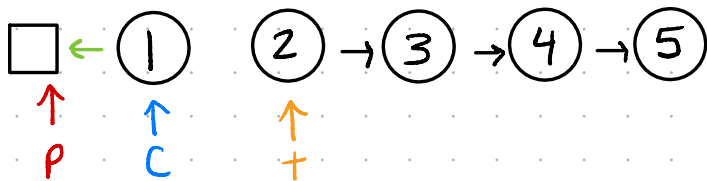
Current = head
Previous = None #null

Goal: Turn Next Pointers Opposite Direction

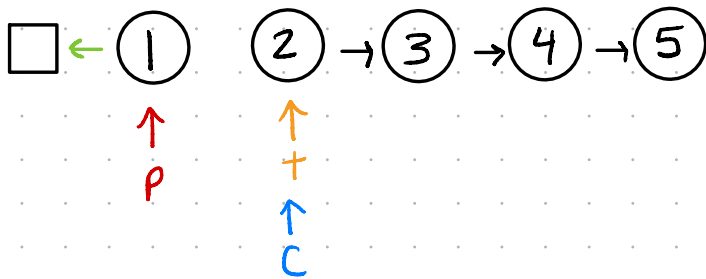


current.next = Previous

If we do $c.next = P$ then this breaks and rest of list is lost. So....
let's use a temporary holder.

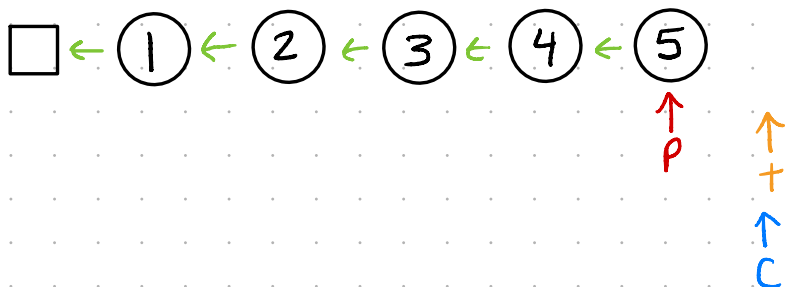


temp = current.next
current.next = Previous



Previous = Current
Current = temp

Keep Repeating this Process....



While current: #current not null

temp = current.next
current.next = Previous
Previous = current
current = temp

Finally we return the head, here it's p

return previous

Code:

```
def reverseList(----):
```

```
    cur = head  
    prev = None
```

```
    while cur:
```

```
        temp = cur.next  
        cur.next = prev  
        prev = cur  
        cur = temp
```

```
    return prev
```