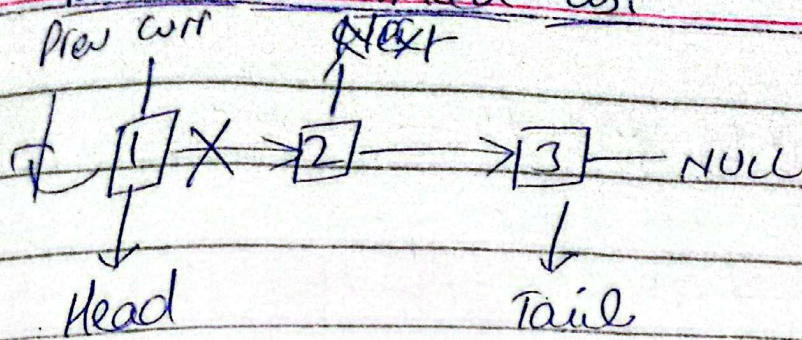
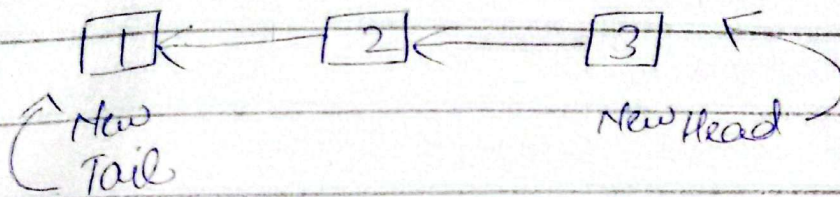


## Reverse a linked list



prev = NULL  
curr = head  
next = NULL

Connections will be reversed



Current Pointer will be used

Must perform these steps in the sequence:

- next = curr.next — 1st step (Preserving)
- curr → next = prev — 2nd step
- prev = curr
- curr = next

prev = NULL  
curr = head  
next = NULL

} — Initialization

```
while (curr != NULL) {  
    next = curr.next  
    curr → next = prev  
    prev = curr  
    curr = next  
}
```

S.C =  $O(1)$   
T.C =  $O(n)$