

Doubly ll

visit



forward

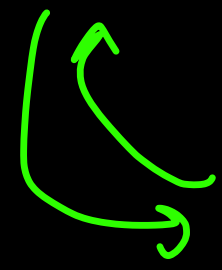


Backward

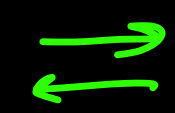
curr node

ptr

Homepage \rightleftharpoons wikipedia



quora.com

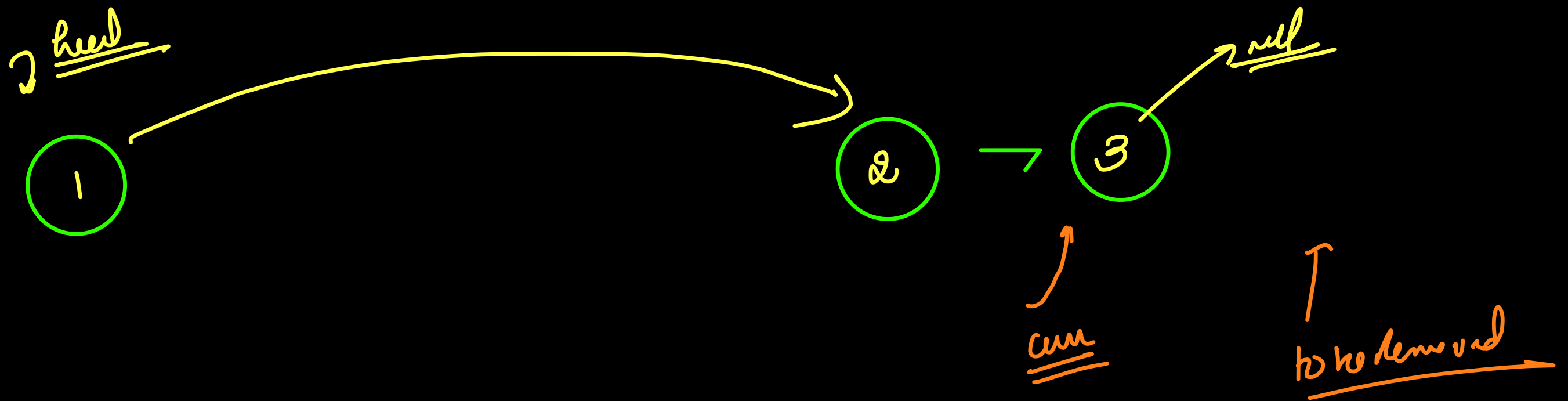


x.com

\rightleftharpoons instagram



fb.com



curr = head;

while (curr != null and curr.next != null) {

if (curr.data == curr.next.data) {

toBeRemoved = curr.next

curr.next = toBeRemoved.next

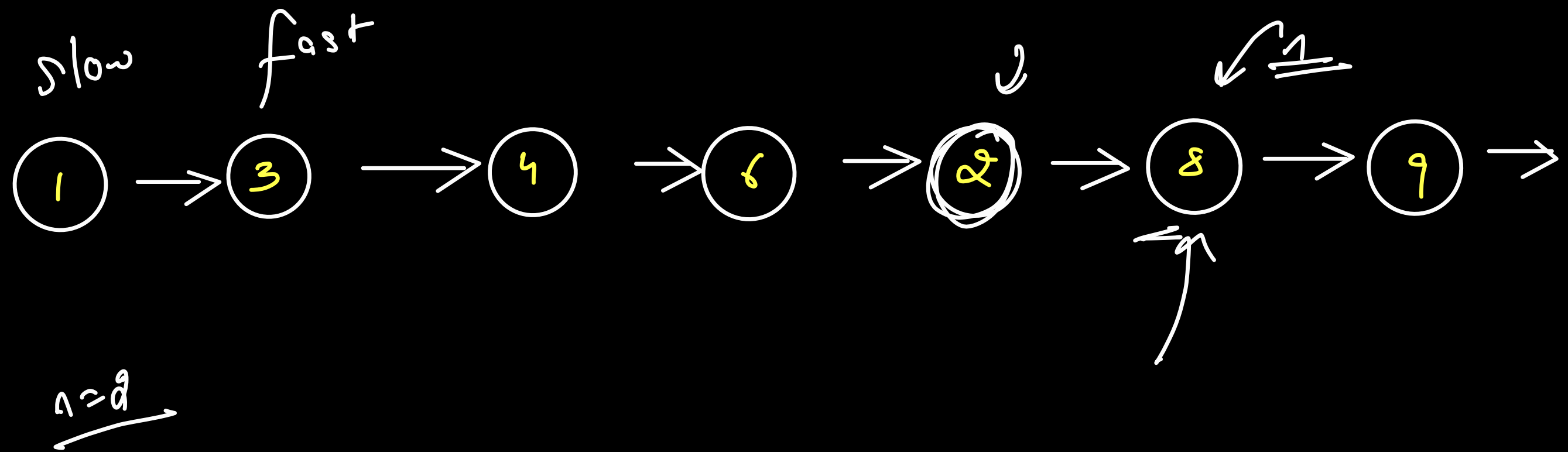
to be removed. sent = null

} else {

curr = curr.next

}

}



```
i = 0  
fast = head;  
while (i < n and fast != null) {  
    i++;  
    fast = fast.next;  
}
```

if (fast == null) <
 remove head

}

slow = head

while (fast.next != null) {

 slow = slow.next

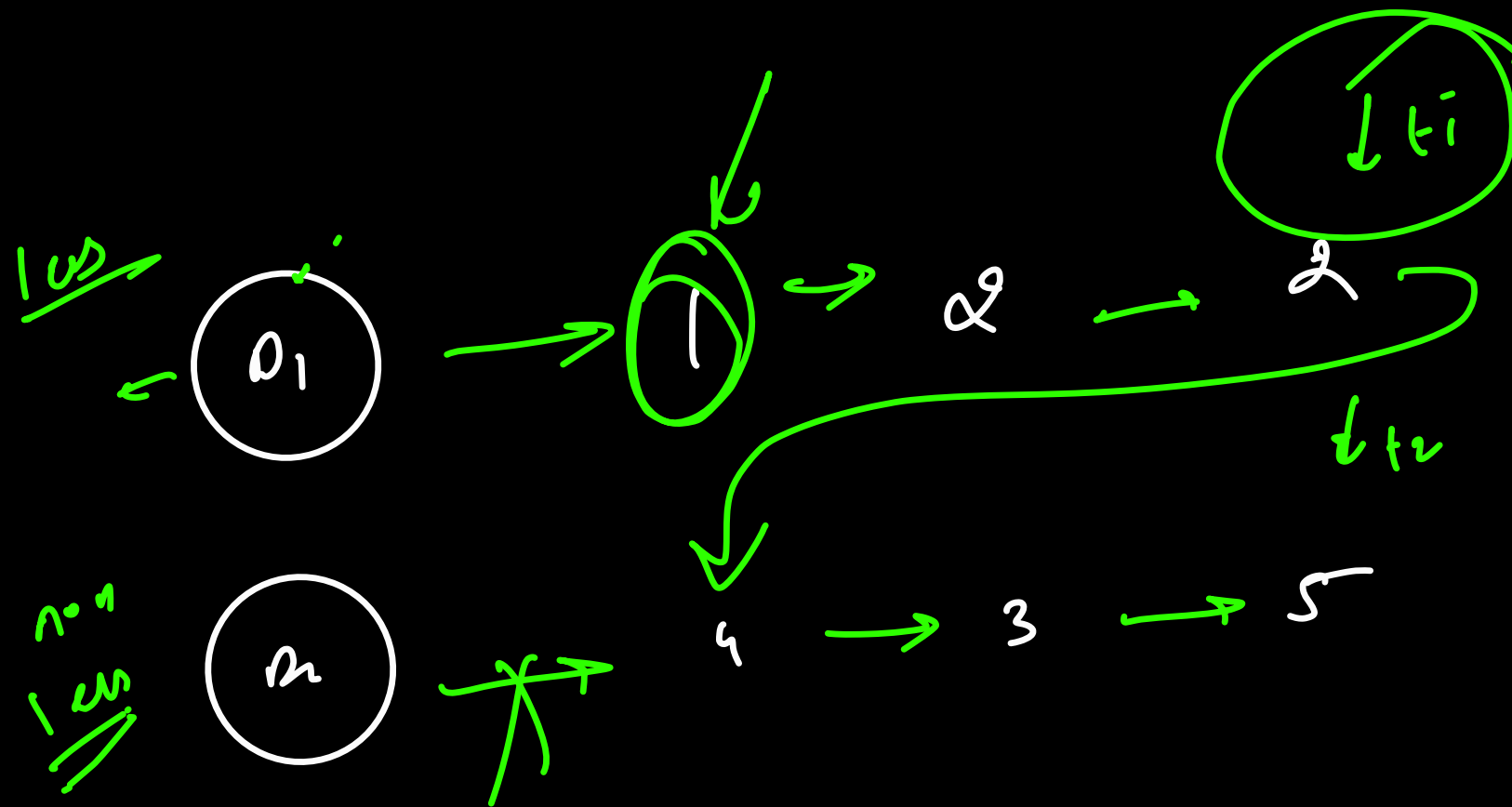
 fast = fast.next

}

n=3

↓ temp
X

↓
curr



(dir)

↓ result

1 → 2 → 2

↓ t₁

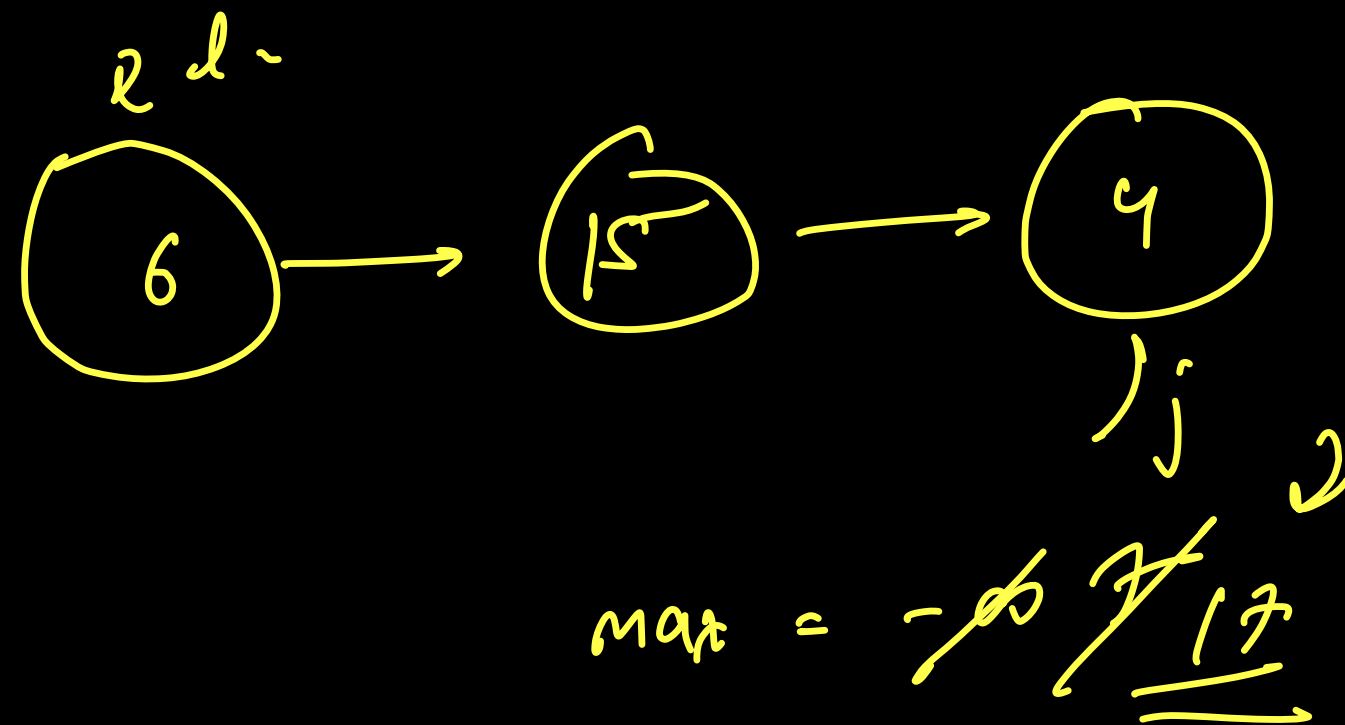
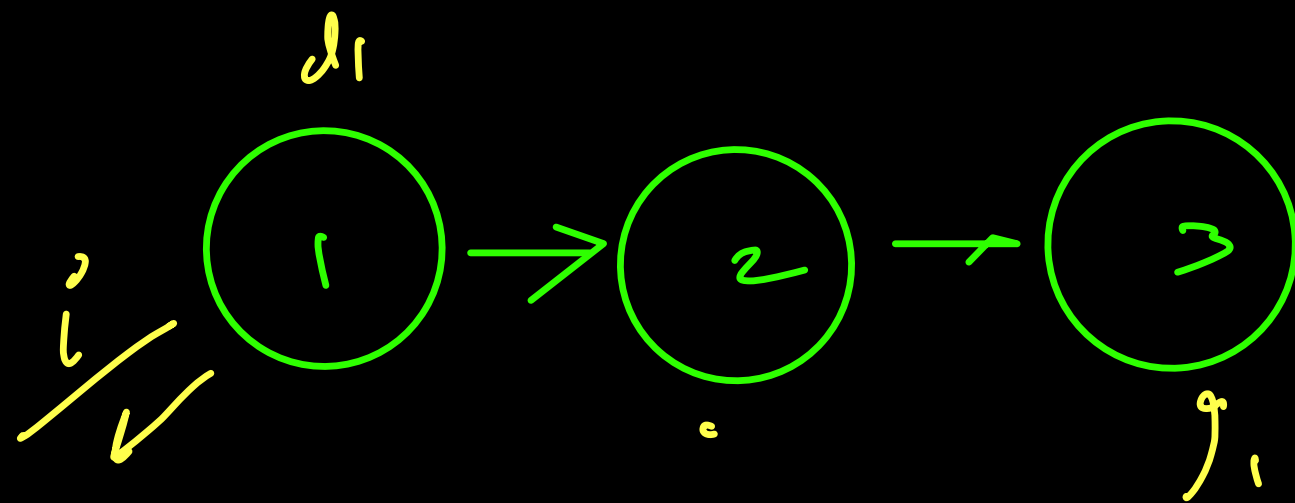
↓

1 → 2 → 6 → 3

↓ t₂

↑ t₂

,



1+6
2+5
3+7

1) divide the even length list in 2

equal part

② from the 2nd part

