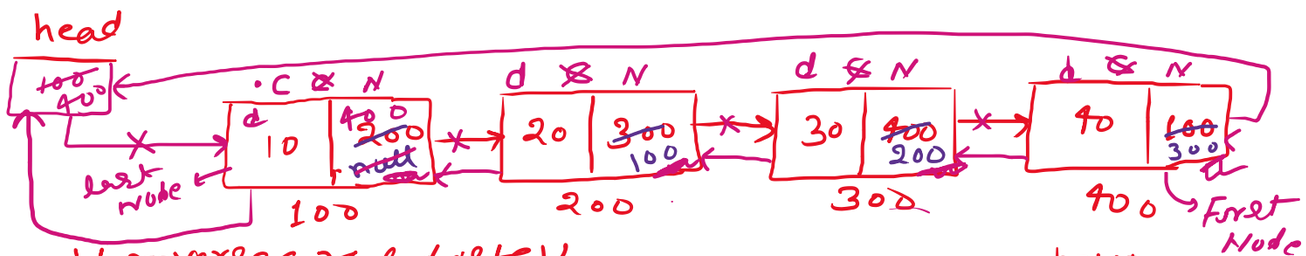
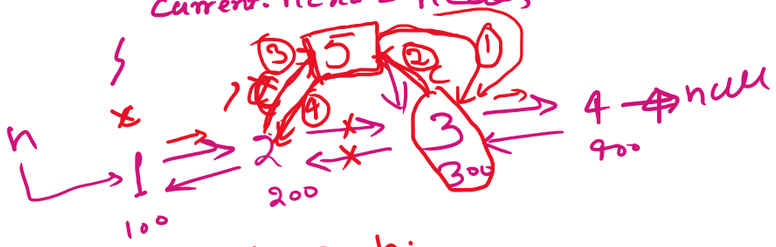
Reverse of the circular linked list ⇒




```
public void reverseCircularList(){
  if(head != null){
    Node current = head;
    Node prev = null;
    Node next = null;
  do{
    next = current.next;
    current.next = prev;
    prev = current;
    current = next;
  }while(current != head);
  if(prev != null){
    head = prev;
  }current.next = head;
}
```

```
while(c != h)
h=100
c=100
do{
  next = current.next;
  current.next = prev;
  prev = current;
  current = next;
}while(current != head);
c = 100 200 300 400 100
h = 100
N = 200 300 400 100
Pr = null 100 200 300 400
    head = prev;
current.next = head;
```

```
Singly linked list reverse
void reverseSinglyList(){
if(head != null){
Node current = head;
Node next = null;
Node prev = null;
While(current != null){
  next = current.next;
  current.next = prev;
  prev = current;
  current = next;
}
if(prev != null){
    head = prev;
}}
```




```
Node c = h;
int ctr = 1
while(c != null){
    ctr++
    if( ctr == position){
        break;
    }
    c = c.next;
}
```

doubly में insert करना है between में

position = 2, 3

c = 200 n = 5

```
n.next = c.next;
c.next.prev = n;
c.next = n;
n.prev = c;
```