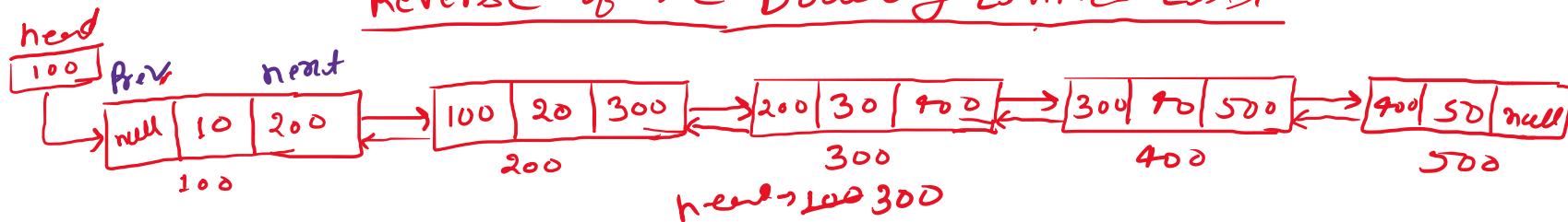


Reverse of the Doubly Linked List



h=100
c=current
t=temp

```
public void reverseList() {
```

```
    if(head != null) {
```

```
        Node current = head;
```

```
        Node temp = null
```

```
        while(current != null) {
```

```
            temp = current.prev;
```

```
            current.prev = current.next;
```

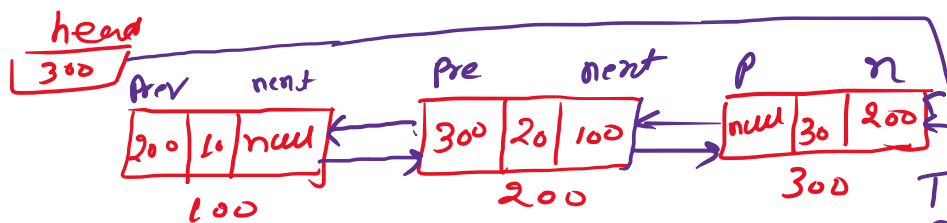
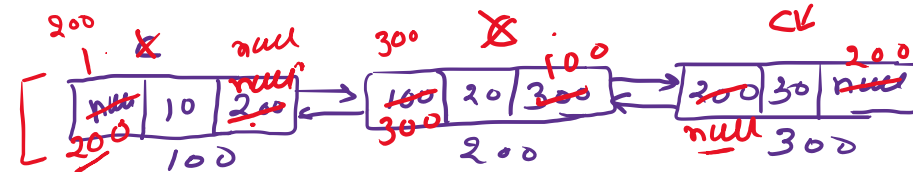
```
            current.next = temp;
```

```
            current = current.prev;
```

```
        } if(temp != null) {
```

```
            head = temp.prev;
```

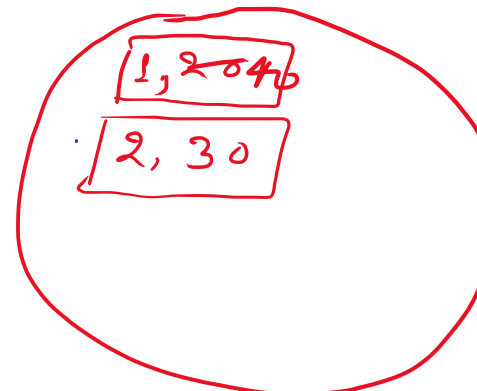
```
        }
```



h=300
c=300 200 100 null
30 20 10

temp = p
i = 1-j
1-j = prev

map



old value → map.put(1, 40) → 20

```
try {
```

```
    return 20;
```

```
}
```

```
catch (Exception e) {
```

```
    return 5;
```

```
}
```

```
finally {
```

```
    return 10; → output = 10
```

```
}
```