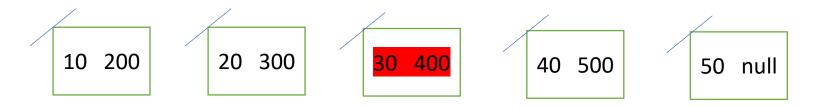


winding

```
public static listNode reverse(listNode head) head = 200
{
    listNode temp;
    if(head.getNext()==null) return head;

temp=reverse( head.getNext()); temp = reverse(300) ??
    head.getNext().setNext(head);
    head.setNext(null);
    return temp;
}
```

head = 200



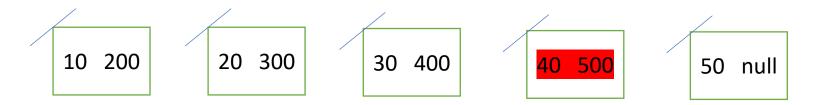
winding

```
public static listNode reverse(listNode head) head = 300
{
    listNode temp;
    if(head.getNext()==null) return head;

temp=reverse( head.getNext()); temp = reverse(400) ??
    head.getNext().setNext(head);
    head.setNext(null);
    return temp;
}
```

head = 300

head = 200



winding

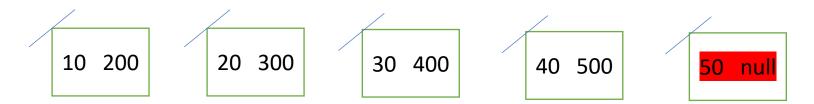
```
public static listNode reverse(listNode head) head = 400
{
    listNode temp;
    if(head.getNext()==null) return head;

temp=reverse( head.getNext()); temp = reverse(500) ??
    head.getNext().setNext(head);
    head.setNext(null);
    return temp;
}
```

head = 400

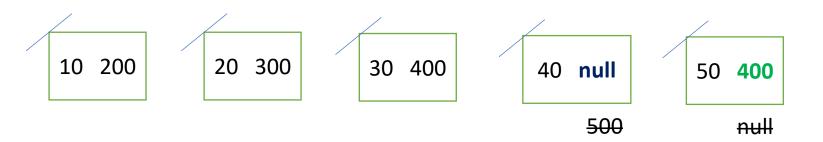
head = 300

head = 200



winding

```
head = 500
```



unwinding

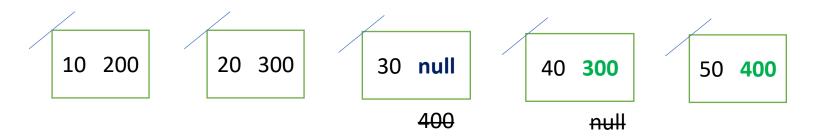
```
public static listNode reverse(listNode head)
{
    listNode temp;
    if(head.getNext()==null) return head;

temp=reverse( head.getNext());
    head.getNext().setNext(head);
    head.setNext(null);
    return temp;
    //500
}
```

head = 400

head = 300

head = 200



unwinding

```
public static listNode reverse(listNode head)
{
    listNode temp;
    if(head.getNext()==null) return head;

temp=reverse( head.getNext());
    head.getNext().setNext(head);
    head.setNext(null);
    return temp;
    //500
}
```

head = 300

head = 200



unwinding

```
public static listNode reverse(listNode head)
{
    listNode temp;
    if(head.getNext()==null) return head;

temp=reverse( head.getNext());
    head.getNext().setNext(head);
    head.setNext(null);
    return temp;
    //500
}
```

head = 200



unwinding

```
public static listNode reverse(listNode head)
{
    listNode temp;
    if(head.getNext()==null) return head;

temp=reverse( head.getNext());
    head.getNext().setNext(head);
    head.setNext(null);
    return temp;
    //500
}
```

```
list.setHead(reverse(list.getHead());  // function call
sysout(list);
```

list.setHead(500); // returned value is set to head
sysout(list);

