24. Swap Nodes in Pairs

link

每一次循环实际上操作三个节点, pre, current, next

```
class Solution {
   public ListNode swapPairs(ListNode head) {
       ListNode start = new ListNode(0, head);
       ListNode previousNode = start;
       ListNode tmp, current;
       while(previousNode.next != null && previousNode.next.next != null){
           current = previousNode.next;
           tmp = current.next ;
           current.next = current.next.next;
           tmp.next = current;
            previousNode.next = tmp;
           previousNode = previousNode.next.next;
       return start.next;
   }
递归的方法值得学习
public class Solution {
   public ListNode swapPairs(ListNode head) {
        if ((head == null) | (head.next == null))
            return head;
       ListNode n = head.next;
       head.next = swapPairs(head.next.next);
       n.next = head;
       return n;
   }
```