

82. Remove Duplicates from Sorted List II (need review)

[link](#)

自己写了半天 写的不是O(1)...也这样想过, 但是没写出来.

1. 创建一个头dummy, 和一个寄存器ListNod d, 然后只判断head不是null
2. 如果重复, head=head.next
3. d.next = head; d = d.next;往后循环(最后d.next没有清空)
4. head = head.next
5. d.next = null;

```
public ListNode deleteDuplicates(ListNode head) {
    ListNode dummy = new ListNode(0);
    ListNode d = dummy;
    while (head != null) {
        if (head.next != null && head.val == head.next.val) {
            while (head.next != null && head.val == head.next.val)
                head = head.next;
            head = head.next;
        } else {
            d.next = head;
            d = d.next;
            head = head.next;
        }
    }
    d.next = null;
    return dummy.next;
}
```