
Algorithm Remove all duplicates from a sorted list

Ensure: You should retain one copy of the duplicate elements

```
1: function REMOVE_DUPLICATES(head)  
2:   if List is of length 0 or 1 then  
3:     return head
```

▷ Recursively remove the duplicates to the right and connect the two lists

```
4:   clean_sub_list  $\leftarrow$  Remove_Duplicates(head.next)  
5:   head.next  $\leftarrow$  clean_sub_list  
  
6:   if head.data == head.next.data then  
7:     return clean_sub_list  
8:   else  
9:     return head
```
