

REMOVING DUPLICATES FROM A SORTED DLL

★ In this problem, we are given a sorted doubly linked list and our job is to return a list where there are no duplicates.

Solution is very simple. We have a mover and a nextnode. Since the list is sorted, duplicates are bound to be continuous.

```
Node * removingDuplicates(Node * head) {  
    Node * mover = head ;  
    while (mover != nullptr & mover->next !=  
           nullptr) {  
        if (mover->data == mover->next->data) {  
            Node * t = mover->next ;  
            mover->next = t->next ;  
            if (t->next != nullptr) {  
                t->next->back = mover ;  
            }  
            delete t ;  
        } else {  
            mover = mover->next ;  
        }  
    }  
    return head ;  
}
```