47). Remove Duplicates from Sorted List Given the head of a sorted linked list, delete all duplicates such that each element appears only once. Return the linked list sorted as well.

```
CODE: class ListNode:
 def init (self, val=0, next=None):
self.val = val
                  self.next = next
def deleteDuplicates(head):
       while current and current.next:
if current.val == current.next.val:
current.next = current.next.next
                                     else:
current = current.next
                        return head
def create linked list(lst):
  dummy = ListNode() current
= dummy for val in lst:
current.next = ListNode(val)
current = current.next
                        return
dummy.next
# Helper function to print a linked list
def print linked list(node):
                              result =
    while node:
result.append(str(node.val))
                                 node
= node.next
  print(" -> ".join(result) + " -> None")
head = create linked list([1, 1, 2, 3, 3])
new head = deleteDuplicates(head)
print linked list(new head)
```

OUTPUT:

```
C:\WINDOWS\system32\cmd. \times + \times

1 -> 2 -> 3 -> None

Press any key to continue . . .
```

TIME COMPLEXITY : O(n)