That Vide in Pains
They is very my thanks
In this problem rue must swap wodes (not values) and maintain the linked list structure; the approach is iterative with a dummy mode.
list structure the approach is iterative with a dumme used
[Koy Idea: I Use a dummy made before head to simplify pointer manipulation For each pais:
For each pais:
· Let first and second be the two nodes to surgs,
- fearunge printers: prev - second - first - next.
- feas range printers; siev -> second -> first -> next. dove nev to first (new position ofter swap) and antime.
Item: 1 1. Erecto a dumny note and point it to head
L. Use e prenter prev initialized to demmy
1. Use a prenter pren initialized to demmy 3. Le lule there are at least two nodes to swap:
· Tolente fy first = prev - next and scand = first - next,
Perform the swap: prev - next = second;
first - next = record - next;
second = next = first;
· Nove mon to lint.
4. Petun demmy -> next as new head.
is a control of the c
Time Complexity. O(n) (one pass through the list)
Time Complexity: O(n) (one pass through the list) - O(1) extra space.
3. V) 3(V) 2/1/40.