

```
Node temp = HEAD;
   Count = 1223486
    int size (Node head) X
         Node temp = head;
         int count = 0;
         while (temp! = NULL) &
               temp = temp. next;
        return count;
Given an array of integers.
  Create a LL of this array.
  A: 2, 6, -5, 4, 1, 7
```

Node head = New Node (A101);

Node temp = head;

for (i = 1; i < N'; i++) &

temp. next = new Node (A111);

temp = temp. next;

&

Interference temp. next;

1) At the Begining. 51

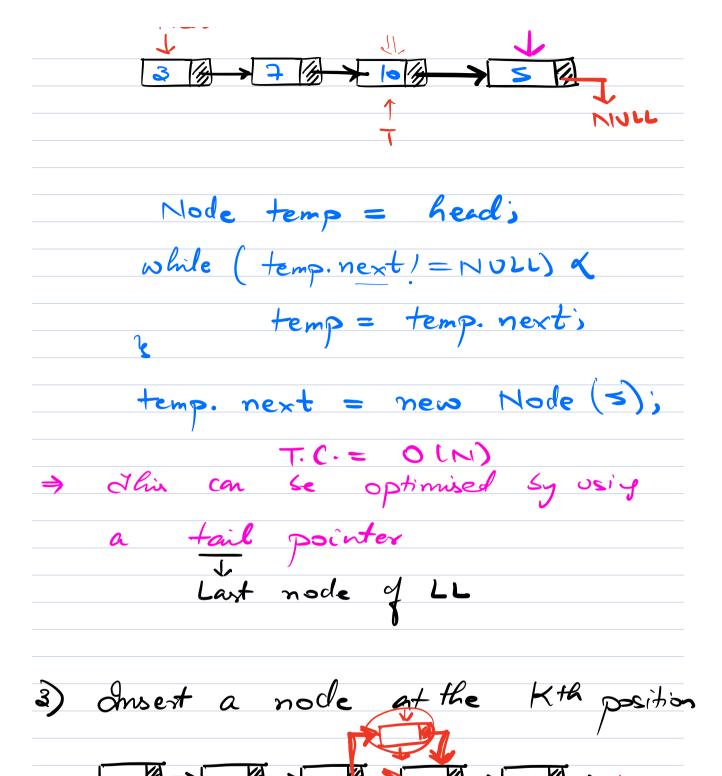
Mode n = new Mode (s);

n. next = Head;

Head = n;

NOLL

a) At the End 50



head; Node temp = index = 0; while ((index 1 = K-1) && (temp.next)=Now) index ++; temp. next; Z Node new Node = new Node (x); new Node. next = temp. next; temp. next = new Node's $T \cdot C = O(K)$ Given the head node of a LL sortel in ASC order. given node on its in the sortelle correct position



1) 2 pointers

Node temp1 = head; Node temp2 = head. next;

while (temp2! = NULL) &

y (new Node. deta > templ.data new Node. deta < temp 2. data) {

break;

<u>}</u>

templ= templ. next; templ= templ. next;

Z

new Node. next = temp2; templ. next = new Node;

Reverse the LL

omplace > w/o using any extra space

Changing the date of a node is not albred.

Head

while
$$\begin{pmatrix} h_2 \\ +emp = h_2 \\ next \end{pmatrix}$$
,

 $h_2 \cdot next = h_1$,

 $h_1 = h_2$
 $h_2 = +emp$

Heed. next = NULL

Head = la 1;

return HEAD;

F(C) = O(N)

Given a LL

Reverse the first Knodes.

Head

NOLL

Head

Nor

$$h_2$$
. $next = h_1$

z

