Ex.No.16

To implement a c program to count no. of nodes in the given linked list.

AIM:

To write a c program to count and print the number of nodes in a given linked list.

ALGORITHM:

Start the program

Create the struct node.

Initialize count = 0

Set temp = head

Repeat while temp != NULL;

Increment count = count + 1

Move to next node temp = temp -> next.

Stop the program.

OUTPUT:

Enter no. of nodes: 3

Enter data for node 1: 10

Enter data for node 2: 20

Enter data for node 3: 30

Total no. of nodes: 3

RESULT:

The program successfully counts and prints the total no. of nodes present in the linked list.