

<p>1. Write a program in C to create and display Singly Linked List.</p>	<p>Input</p> <p>Input the number of nodes : 3 Input data for node 1 : 5 Input data for node 2 : 6 Input data for node 3 : 7</p> <p>Output</p> <p>Data entered in the list : Data = 5 Data = 6 Data = 7</p>
<p>2. Write a program in C to create a singly linked list of n nodes and display it in reverse order.</p>	<p>Input</p> <p>Input the number of nodes : 3 Input data for node 1 : 5 Input data for node 2 : 6 Input data for node 3 : 7</p> <p>Output</p> <p>Data entered in the list are : Data = 5 Data = 6 Data = 7</p> <p>The list in reverse are : Data = 7 Data = 6 Data = 5</p>
<p>3. Write a program in C to create a singly linked list of n nodes and count the number of nodes.</p>	<p>Input</p> <p>Input the number of nodes : 3 Input data for node 1 : 5 Input data for node 2 : 6 Input data for node 3 : 7</p> <p>Output</p> <p>Data entered in the list are : Data = 5 Data = 6 Data = 7 Total number of nodes = 3</p>

<p>4. Write a program in C to delete first node of Singly Linked List.</p>	<p>Input Input the number of nodes: 3 Input data for node 1: 2 Input data for node 2: 3 Input data for node 3: 4</p> <p>Output</p> <p>Data entered in the list are: Data= 2 Data= 3 Data= 4</p> <p>Data of node 1 which is being deleted is: 2</p> <p>Data, after deletion of first node: Data= 3 Data= 4</p>
<p>5. Write a program in C to delete a node from the middle of Singly Linked List.</p>	<p>Input Input the number of nodes: 3 Input data for node 1: 2 Input data for node 2: 3 Input data for node 3: 4</p> <p>Output</p> <p>Data entered in the list are: Data= 2 Data= 3 Data= 4</p> <p>Input the position of node to delete: 2</p> <p>Deletion completed successfully.</p> <p>The new list are: Data = 2 Data = 4</p>

6. Write a program in C to delete the last node of Singly Linked List.

Input

Input the number of nodes: 3
Input data for node 1: 2
Input data for node 2: 3
Input data for node 3: 4

Output

Data entered in the list are:

Data= 2

Data= 3

Data= 4

The new list after deletion
the last node are:

Data= 2

Data= 3