

Name:

Assessment: Linear Linked List

1. Write a program in C to create and display Singly/Linear Linked List.

Test Data :

Input the number of nodes : 3

Input data for node 1 : 5

Input data for node 2 : 6

Input data for node 3 : 7

Expected Output :

Data entered in the list :

Data = 5

Data = 6

Data = 7

2. Write a program in C to create a singly/linear linked list of n nodes and display it in reverse order.

Test Data :

Input the number of nodes : 3

Input data for node 1 : 5

Input data for node 2 : 6

Input data for node 3 : 7

Expected Output :

Data entered in the list are :

Data = 5

Data = 6

Data = 7

The list in reverse is :

Data = 7

Data = 6

Data = 5

3. Write a program in C to create a singly linked list of n nodes and count the number of nodes.

Test Data :

Input the number of nodes : 3

Input data for node 1 : 5

Input data for node 2 : 6

Input data for node 3 : 7

Expected Output :

Data entered in the list are :

Data = 5

Data = 6

Data = 7

Total number of nodes = 3