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| 1. Write a program in C to create and display Singly Linked List. | **Input**  Input the number of nodes : 3  Input data for node 1 : 5  Input data for node 2 : 6  Input data for node 3 : 7  **Output**  Data entered in the list :  Data = 5  Data = 6  Data = 7 |
| 1. Write a program in C to create a singly linked list of n nodes and display it in reverse order. | **Input**  Input the number of nodes : 3  Input data for node 1 : 5  Input data for node 2 : 6  Input data for node 3 : 7  **Output**  Data entered in the list are :  Data = 5  Data = 6  Data = 7    The list in reverse are :  Data = 7  Data = 6  Data = 5 |
| 1. Write a program in C to create a singly linked list of n nodes and count the number of nodes. | **Input**  Input the number of nodes : 3  Input data for node 1 : 5  Input data for node 2 : 6  Input data for node 3 : 7  **Output**  Data entered in the list are :  Data = 5  Data = 6  Data = 7  Total number of nodes = 3 |
| 1. Write a program in C to delete first 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  Data of node 1 which is being deleted is: 2    Data, after deletion of first node:  Data= 3  Data= 4 |
| 1. Write a program in C to delete a node from the middle 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  Input the position of node to delete: 2    Deletion completed successfully.    The new list are:  Data = 2  Data = 4 |
| 1. 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 |