

### **Assignment 3 : Linked List**

Write a program which takes a Dynamic List and deletes any duplicate nodes from the list. The list is not sorted.

Create Link list which holds integers less than 50.

#### **Input Format :**

Takes input for dynamic link list i.e. dynamically creates nodes and link it to link list.

For example, if the input to linked list is 13 12 13 22 42 44 22

Created Linked list is : 13->12->13->22->42->44->22

#### **Output Format :**

Sorted Linked List with no duplicates.

For example : 12 -> 13 -> 22 -> 42 -> 44

#### **Sample Input :**

Enter List : 13 12 13 22 42 44 22

#### **Sample Output :**

Entered List : 13->12->13->22->42->44->22

Modified List : 12 -> 13 -> 22 -> 42 -> 44