**DS-Assignment -1-Questions**

1. Apply insertion sort on singly linked list and doubly linked list

Assume list contains following values in each node 8 ->7->9 ->4 ->2

o/p:2 ->4->7 ->8 ->9

1. Perform reverse operation and print the values on doubly linked list and circular linked list

i/p: 8 ->7->9 ->4 ->2

o/p: 2 ->4->9 ->7 ->8

1. Merge two sorted Linked list, resultant list should in sorted order

Sample input:

1 -> 3 -> 5 -> 6 -> NULL

2 -> 4 -> 7 -> NULL

Output:

1 -> 2 -> 3 -> 4 -> 5 -> 6 -> 7 -> NULL