**Data Structures**

1. Write a Singly linked list programs for

i) Insert the nodes at begin. ii) Insert the nodes at end.

1. Write a Singly linked list program to sort the nodes. (add\_middle prog).
2. Write a Singly linked list program to delete a particular according to any signature of a given structure.
3. Write a Singly linked list program to delete a particular node from last using single traverse.

Ex: Suppose if there are 7 nodes, and if 2nd node has to be delete from last, then it is 5th node from starting.

1. Write a program to reverse the data of given Singly linked list.
2. Write a program to reverse the links of given Singly linked list

i) Using loops ii) Using recursion.

1. Write a Singly linked list program to implement Stack and Queue operations.
2. Write the Double linked list programs for the all above question.
3. Write a program to construct Binary-tree by the given nodes and print it in the order

i) pre-order ii) in-order iii) post-order

10) Write a program to search a node in a given Binary-tree.

11) Write a program to delete a particular node in a given Binary-tree according to any signature of a given structure.

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Dear students, If any mistakes found, kindly inform to me.

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