

- 1- Write a program to insert the following element in a binary tree  
12,45,23,8,11,9  
Once a binary tree forms then search an element 10 in the tree and return appropriate message.
- 2- Write a menu driven program to
  - a. Insert the n element in the tree following the binary tree fashion of insertion.
  - b. Traverse the elements of tree using
    - i. In-order traversal technique
    - ii. Post-order traversal technique
    - iii. Pre-order traversal technique
  - c. Search a given element (by user) in binary tree
  - d. Perform the deletion operation on
    - i. Entire tree
    - ii. One element from the tree