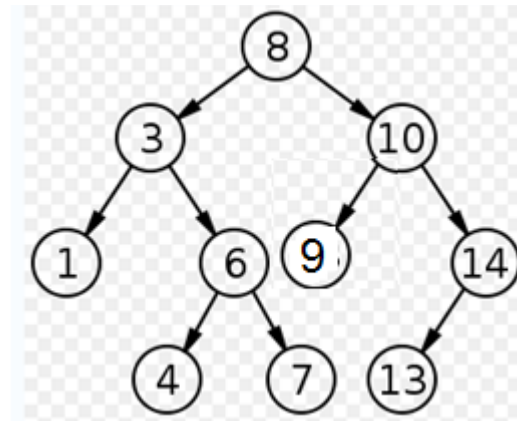


## Lab 6 – Binary Search Tree

**Problem 1.** Write a program to create a binary search tree given below and perform the following operations:



- Insert a node into the tree.
- Traverse the tree in pre-order / in-order / post-order.
- Find the smallest / largest element.
- Find a given value.
- Count the number of nodes.
- Count the number of internal nodes.
- Determine the height of the tree.
- Delete a node from the tree.