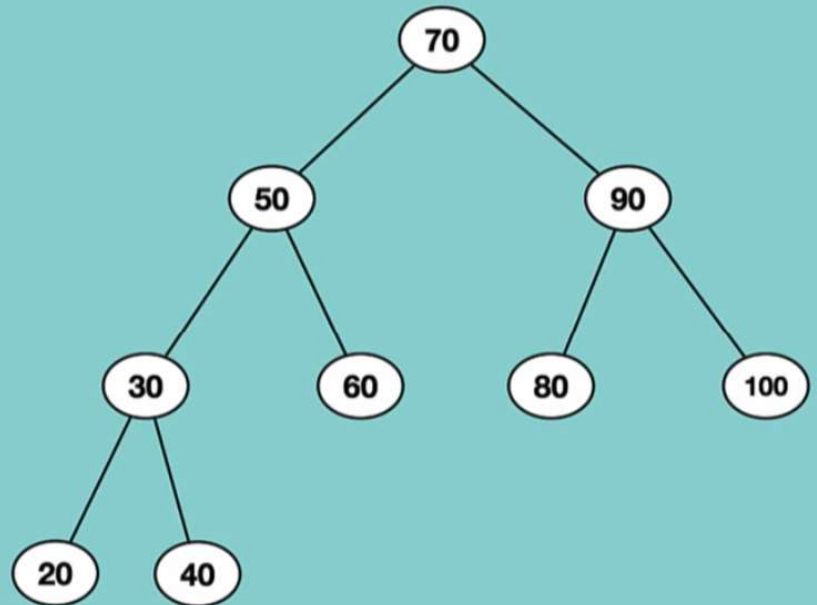


16-1 BINARY SEARCH TREE

Monday, June 6, 2022 7:25 AM

What is a Binary Search Tree?

- In the left subtree the value of a node is less than or equal to its parent node's value.
- In the right subtree the value of a node is greater than its parent node's value



Why Binary Search Tree?

- It performs faster than Binary Tree when inserting and deleting nodes

Common Operations on Binary Search Tree

- **Creation of Tree**
- **Insertion of a node**
- **Deletion of a node**
- **Search for a value**
- **Traverse all nodes**
- **Deletion of tree**