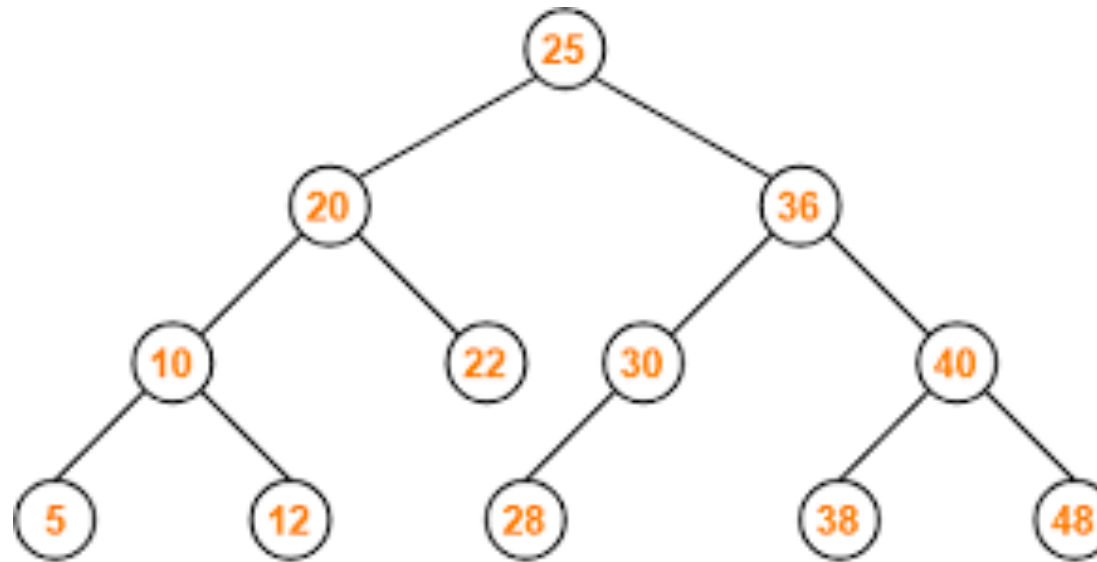# Binary search tree

- The left subtree of a node contains only nodes with keys lesser than the node's key.The right subtree of a node contains only nodes with keys greater than the node's key.The left and right subtree each must also be a binary search tree.

Binary Search Tree

Tree traversals

- In-order : Traverse the left sub-tree, visit the root node, traverse the right sub tree

- Pre-order: Visit the root node, traverse the left sub tree, traverse the right sub tree

- Post-order: Traverse the left sub tree, traverse the right sub tree, visit the root node.