

Down load Exercise10.java file from course website and complete the integer Binary Search Tree class BST with the following methods:

1. Read and try to understand the insert() method that will insert an integer value on to the BST.
2. a preOrder() method that will print out the list of nodes based upon preorder traversal algorithm.
3. a inOrder() method that will print out the list of nodes based upon inorder traversal algorithm.
4. a postOrder() method that will print out the list of nodes based upon postorder traversal algorithm.
5. a height() method that will return the height of the BST.