

Program 1: **SkyscraperConstruction1.java**

Program 2: Main.java

- The Main class defines the Node class to represent the nodes of the BST, and a node variable to store the root node of the BST.
- The main method creates a sample complete binary search tree with the root node having a value of 50, left node having a value of 30, right node having a value of 60, left-left node having a value of 10, and right-left node having a value of 55. It then prints the original tree by performing an inorder traversal.
- The convertToSkewed method takes a node of the complete binary search tree as input and returns a skewed tree with no left node. It recursively calls itself on the right subtree of the node, and assigns the returned skewed tree to a skewed variable. It then sets the left node of the node to null, and the right node to skewed. Finally, it converts the left subtree of the node to a right-skewed tree by iterating over the left subtree, and setting the right node of each node to its parent node.
- The printInorder method takes a node of a BST as input and prints its node values in ascending order (inorder traversal). It recursively calls itself on the left subtree of the node, prints the value of the node, and recursively calls itself on the right subtree of the node.
- The main method calls the convertToSkewed method on the root node of the BST, and assigns the returned skewed tree to a skewedTree variable. It then calls the printInorder method on the skewedTree variable to print the node values in ascending order.
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