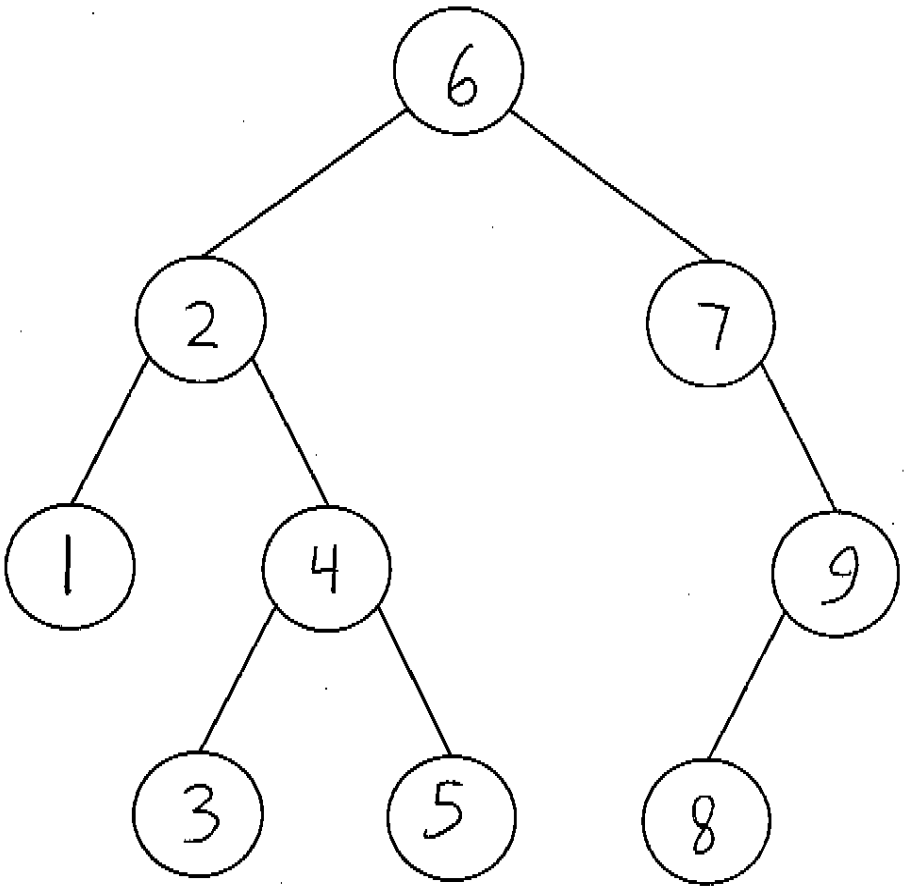8. Insert each of the positive integers 1 through 9 into the nodes of the tree below in such a way that the resulting tree is a binary search tree.