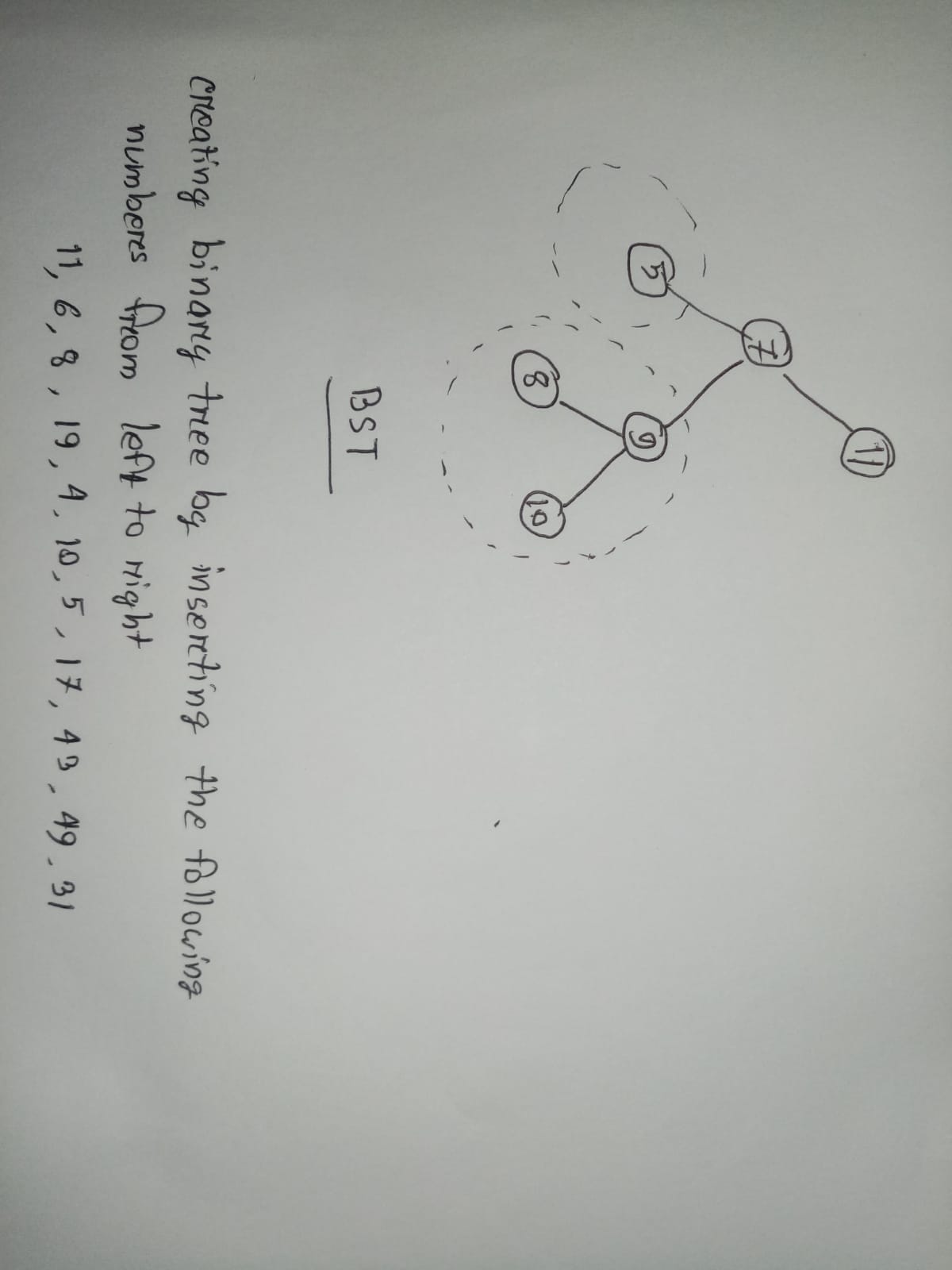
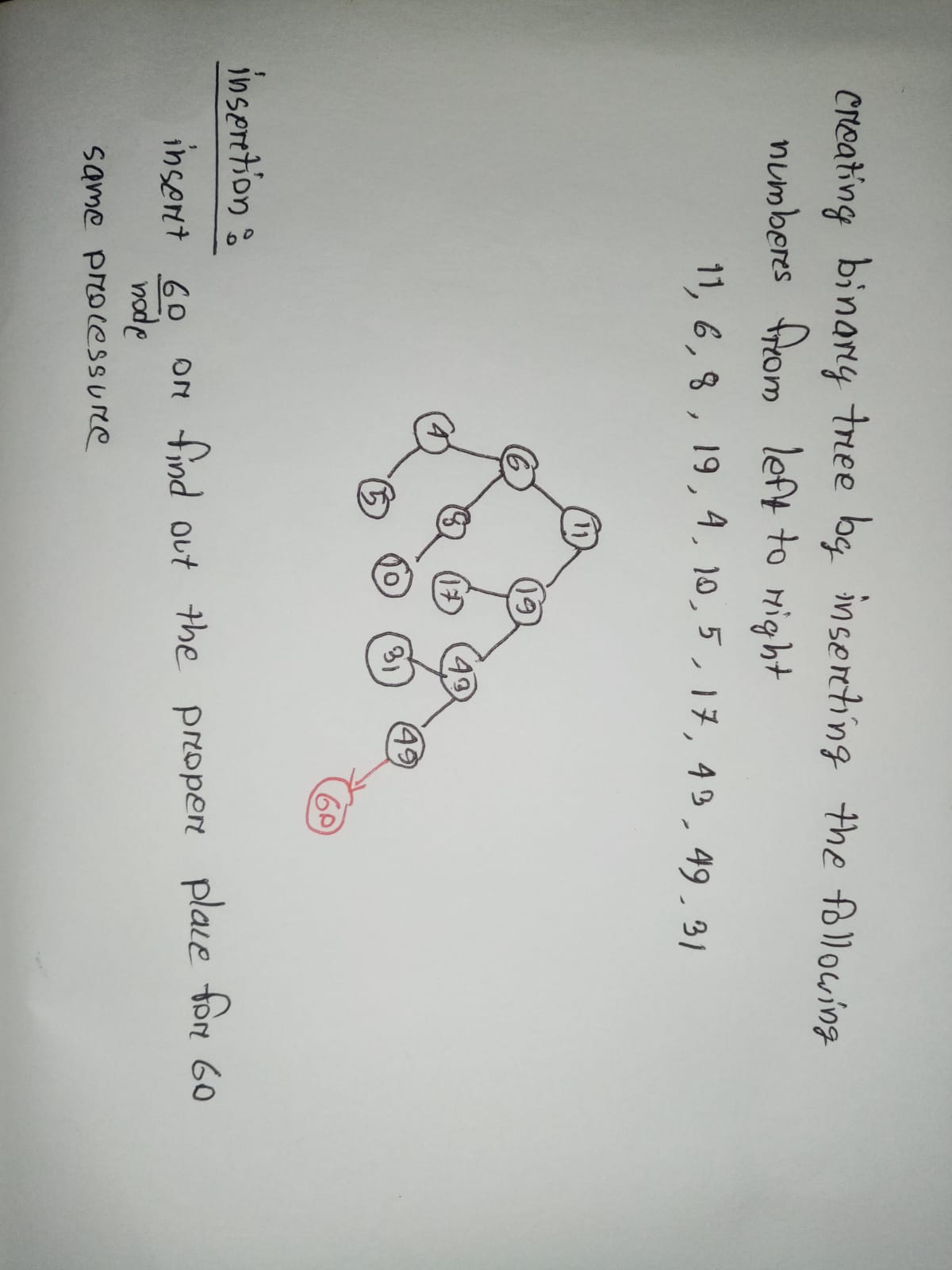
**Binary Search Tree**

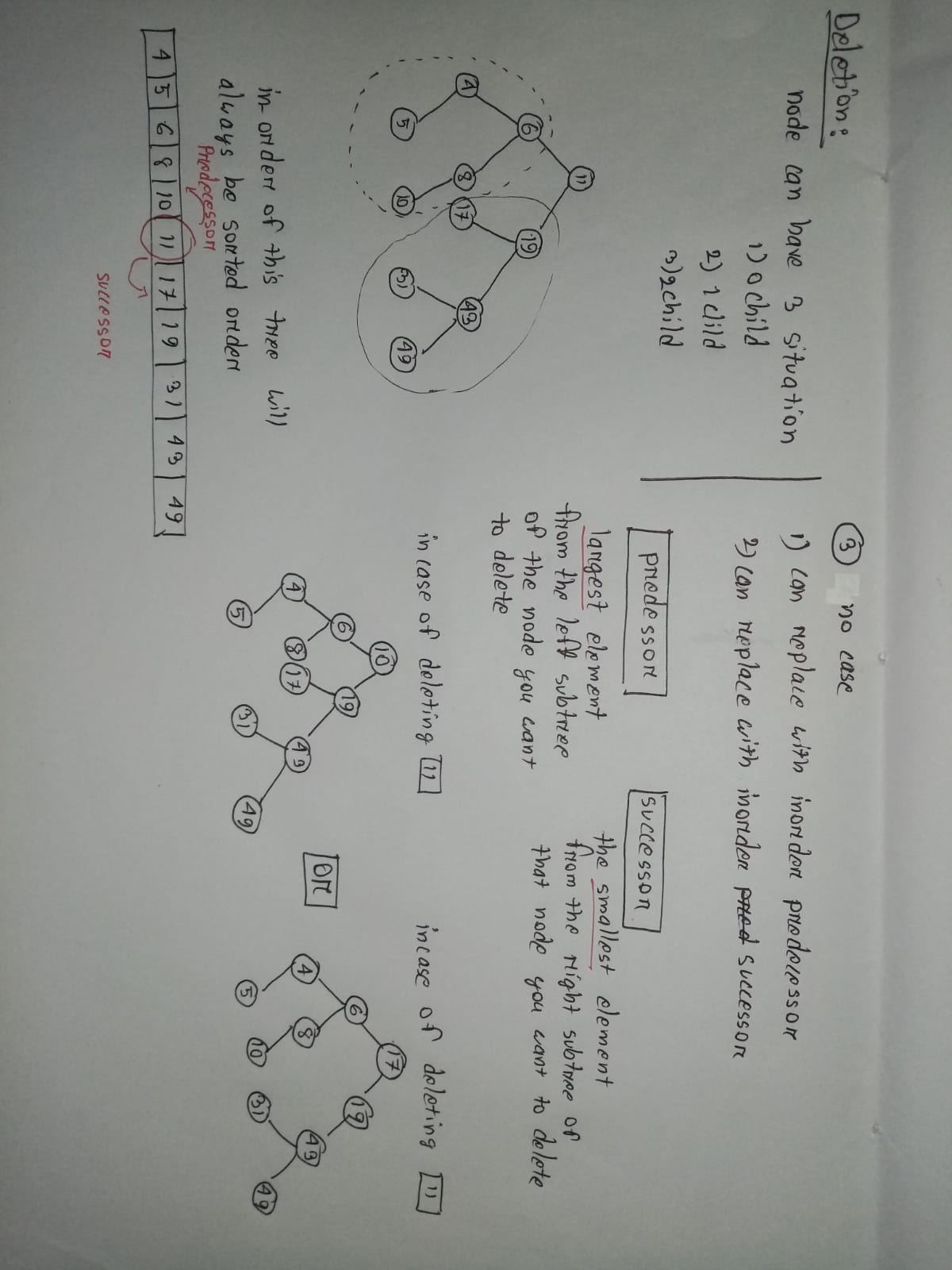
Binary search tree operations

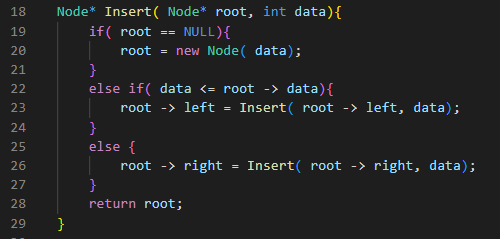
1. Search node
2. Min and max
3. Successor
4. Predecessor
5. Insert
6. Delete
7. Sort
8. Get height
9. Balanced tree

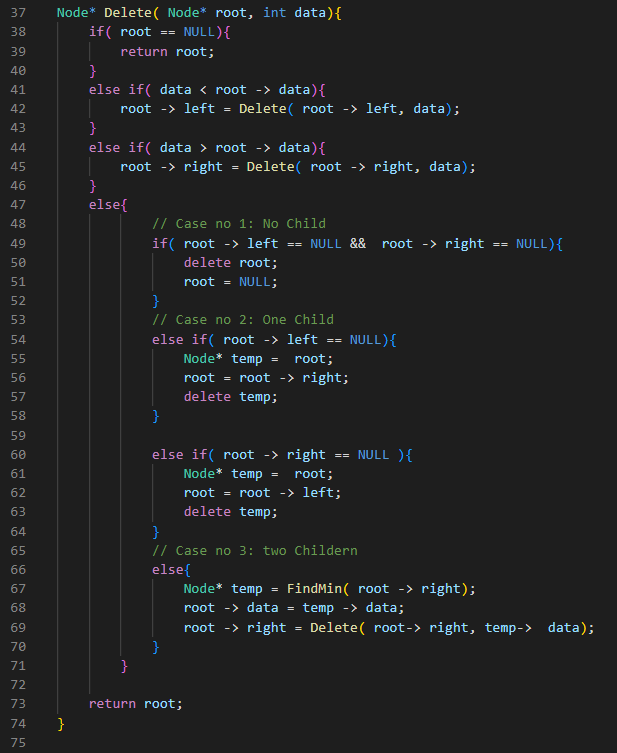
* AVL tree
* Red-black tree

# **5.10 Binary Search Trees (BST) - Insertion and Deletion**

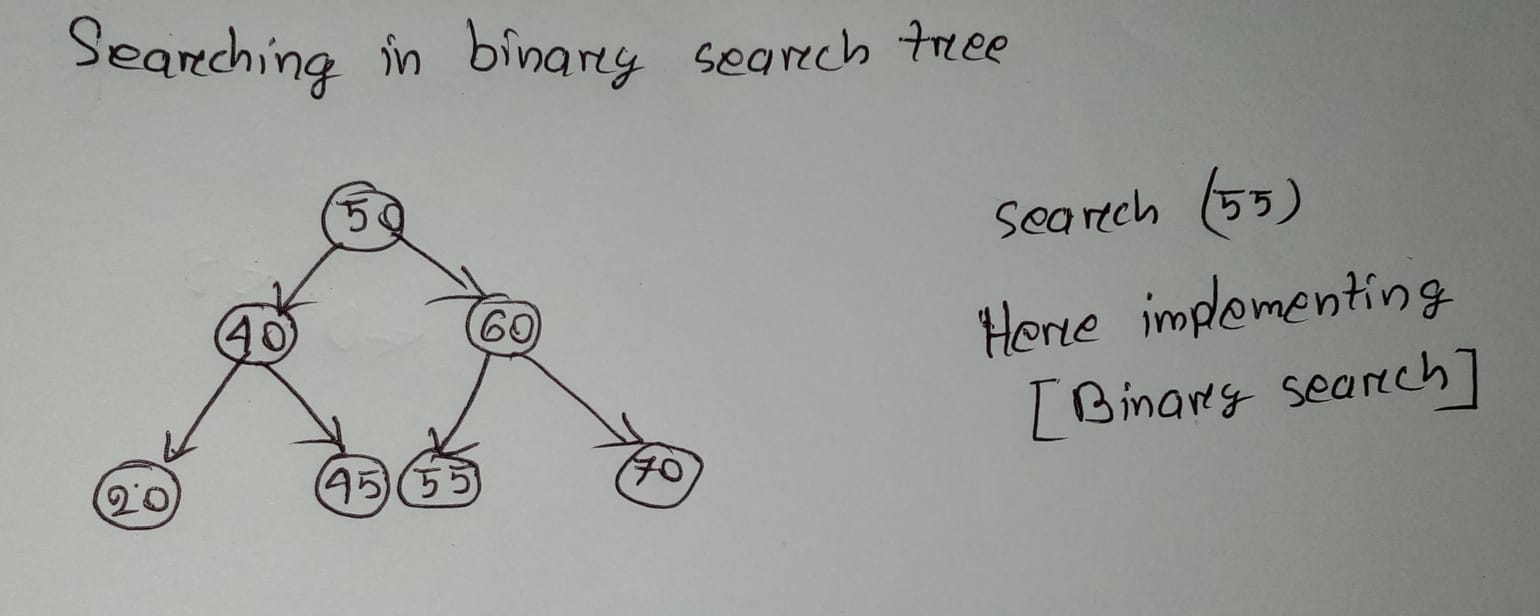


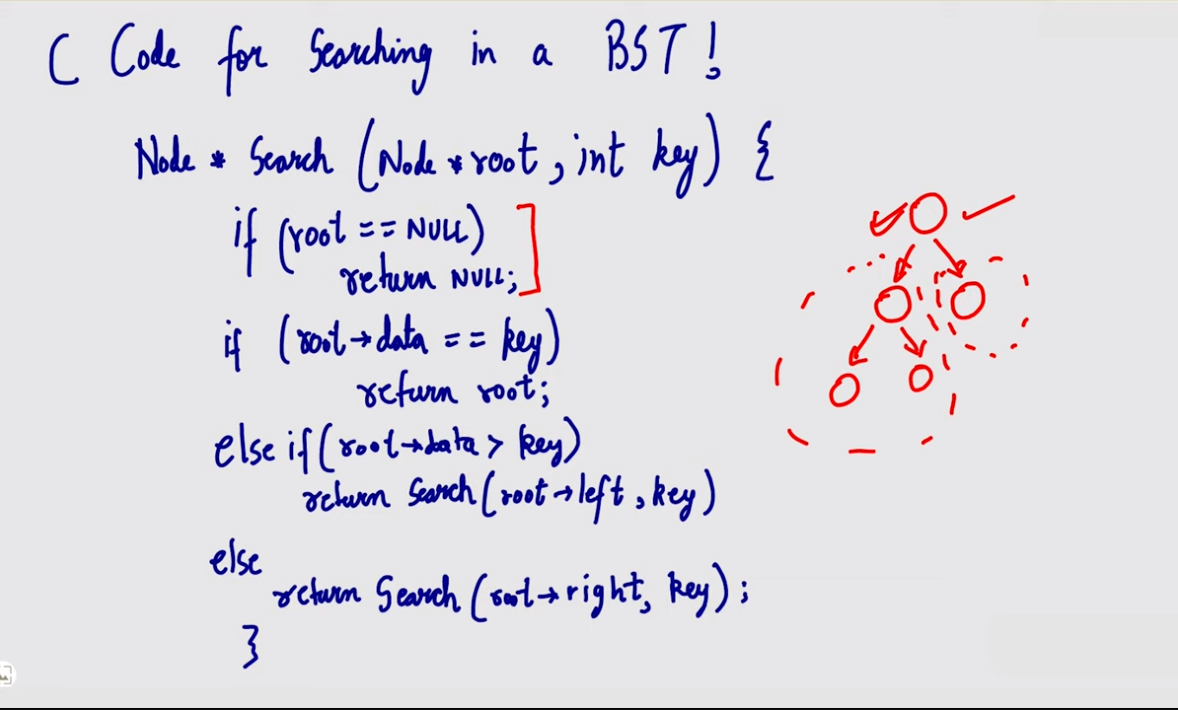


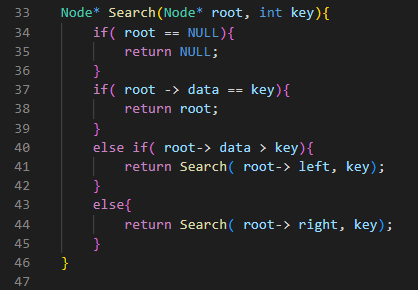
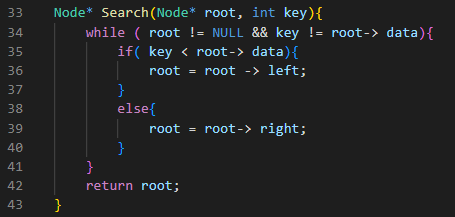


# Searching in a Binary Search Trees (Search Operation)

<https://youtu.be/OKXI2woGoeg?si=PUvm77YGOxA6XNMG>





# L49. Inorder Successor/Predecessor in BST | 3 Methods

<https://youtu.be/SXKAD2svfmI?si=U1hjeNL4ru5Lv1xJ>

In-order of binary search tree is always sorted

**Predecessor < node < Successor**

**Code for successor**

