450. Delete Node in a BST

Given a root node reference of a BST and a key, delete the node with the given key in the BST. Return the **root node reference** (possibly updated) of the BST.

Basically, the deletion can be divided into two stages:

- 1. Search for a node to remove.
- 2. If the node is found, delete the node.

```
root->left = deleteNode(root->left, key);
        struct TreeNode* temp = root->right;
        free (root);
        struct TreeNode* temp = root->left;
        free(root);
        return temp;
        temp = temp->left;
    root->val = temp->val;
    root->right = deleteNode(root->right, temp->val);
return root;
```





