LEET CODE: 701

By

Priyansh
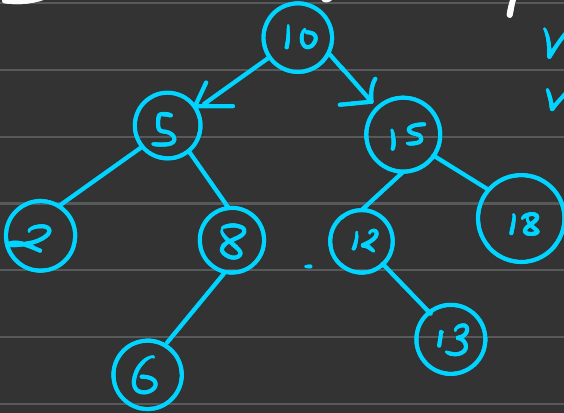
Question :- to provide a suitable-
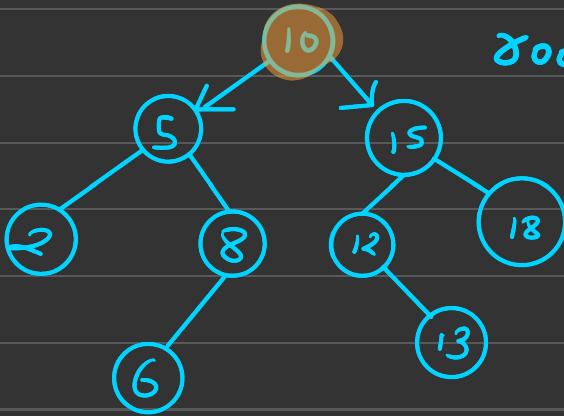
Val = 11
Val = 4

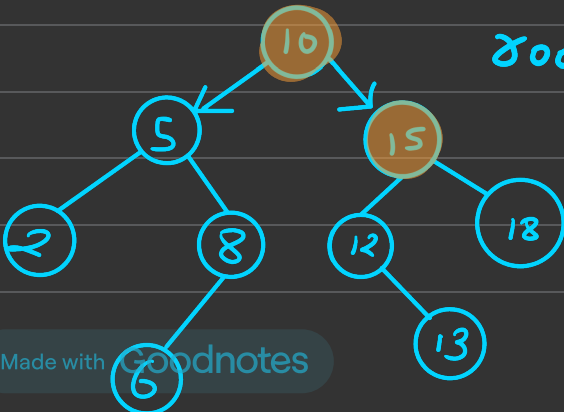-position to
11 in the
BST !!!

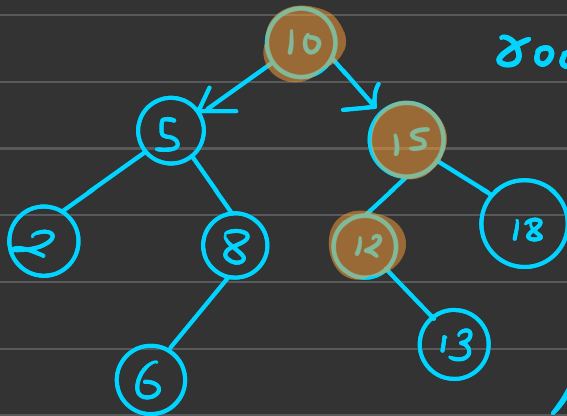
root == 10   11 > 10
↳ Look At the right
Subtree node of
the current root...

root == 15   15 > 11
↳ Look At the left
Subtree node of
the current root...

root == 12   12 > 11
↳ Look At the left
Subtree node of
the current root...
Since its null
Now insert ⑪ as
left tree node of (12)

And All Set!!!

Code Implementation :—

```cpp
class Solution {
public:
    TreeNode* insertIntoBST(TreeNode* root, int val) {
        if(root == NULL){
            TreeNode* temp = new TreeNode(val);
            root = temp;
            return root;
        }
        if(root->val > val){
            if(root->left == NULL){
                TreeNode* temp = new TreeNode(val);
                root->left = temp;
            }
            else insertIntoBST(root->left,val);
        }
        else{
            if(root->right == NULL){
                TreeNode* temp = new TreeNode(val);
                root->right = temp;
            }
            else insertIntoBST(root->right,val);
        }
        return root;
    }
};
```