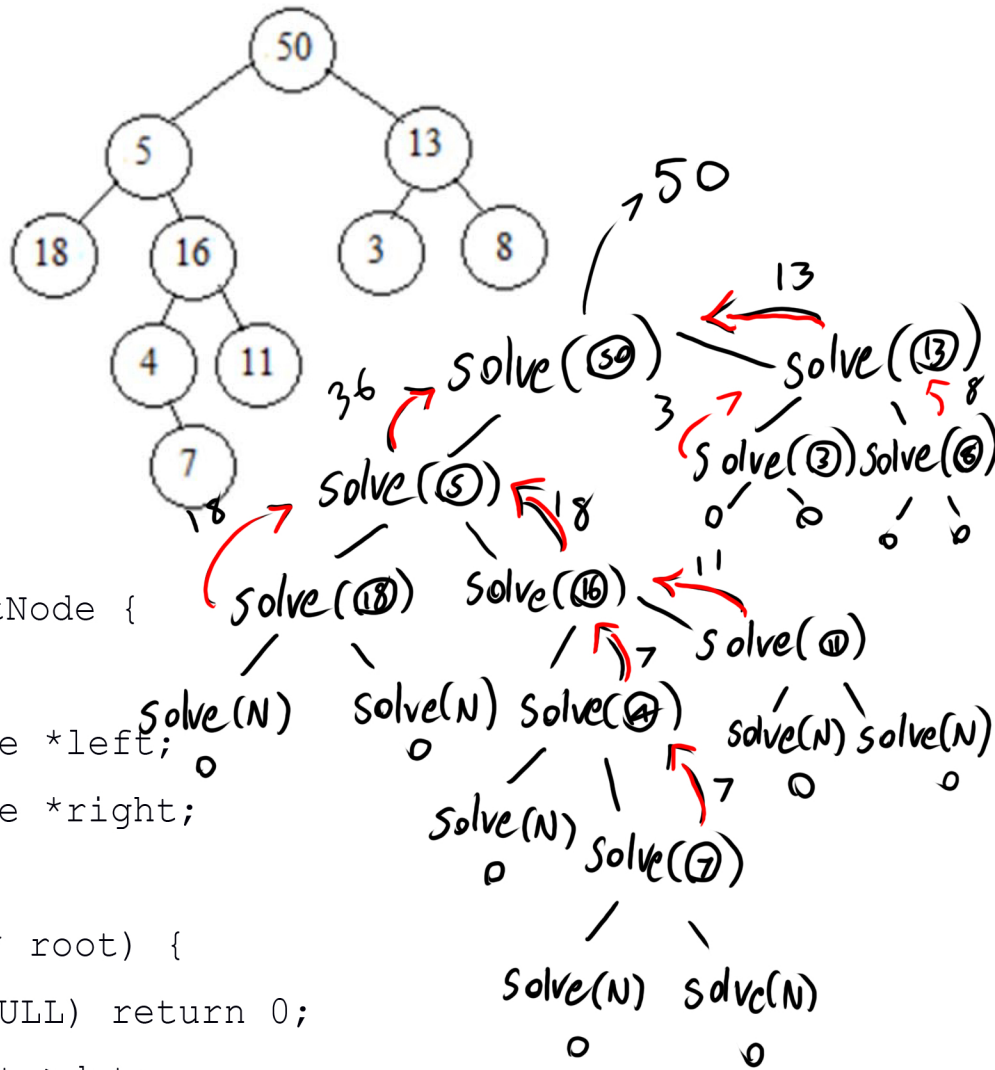


13. What does the function call `solve(root)` print if `root` is pointing to the node storing 50 in the tree shown below? The necessary struct and function are provided below as well. Please fill in the blanks shown below. Draw recursion tree to find out the output.



```
typedef struct bstNode {
    int data;
    struct bstNode *left;
    struct bstNode *right;
} bstNode;

int solve(bstNode* root) {
    if (root == NULL) return 0;
    int res = root->data;
    int left = solve(root->left);
    int right = solve(root->right);
    if (left+right > res)
        res = left+right;
    printf("%d,", res);
    return res;
}
```

18, 7, 7, 11, 18, 36, 3, 8, 13, 50