Day 53

Code-

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\* Definition for a binary tree node.

\* struct TreeNode {

\* int val;

\* TreeNode \*left;

\* TreeNode \*right;

\* TreeNode() : val(0), left(nullptr), right(nullptr) {}

\* TreeNode(int x) : val(x), left(nullptr), right(nullptr) {}

\* TreeNode(int x, TreeNode \*left, TreeNode \*right) : val(x), left(left), right(right) {}

\* };

\*/

class Solution {

public:

vector<int>v;

void pp(TreeNode\* toot){

if(toot==NULL){

return;

}

pp(toot->left);

v.push\_back(toot->val);

pp(toot->right);

}

int kthSmallest(TreeNode\* root, int k) {

pp(root);

return v[k-1];

}

};

Time complexity – O(N)

Space complexity-O(1)

A screenshot of a computer

Description automatically generated