BOTTOM VIEW OF A BINARY TREE

Problem asks us to display/output the bottom view of a binary tree.

Solution is very similar to the top view of a binary tree but this time instead of putting first element of each vertical, we put the last one.

Pseudocode :

```
bottomViewBinaryTree(Node * root) {
    vector<int> ans;
    if(root == NULL) {
        return ans;
    }
    map<int, int> mpp;
    queue<pair<Node *, int>> q;
    q.push({root, 0});
    while(!q.empty()) {
        auto it = q.front();
        q.pop();
        Node * n = it.first;
        int line = it.second;
        mpp[line] = n->val;
        if(n->left != NULL) {
            q.push({n->left, line-1});
        }
```

```
            if(n->right != NULL) {
                q.push({n->right, line+1});
            }
        }
    }
    for(auto it : mpp) {
        ans.push_back(it.second);
    }
    return ans;
}
```