广搜模版

public class Solution {

public ArrayList<ArrayList<Integer>> levelOrder(TreeNode root) {

ArrayList result = new ArrayList();

if (root == null)

return result;

Queue<TreeNode> queue = new LinkedList<TreeNode>();

queue.offer(root);

while (!queue.isEmpty()) {

ArrayList<Integer> level = new ArrayList<Integer>();

int size = queue.size();

for (int i = 0; i < size; i++) {

TreeNode head = queue.poll();

level.add(head.val);

if (head.left != null)

queue.offer(head.left);

if (head.right != null)

queue.offer(head.right);

}

result.add(level);

}

return result;

}

}