

```
// Function to return a list containing the level order  
// traversal in spiral form of a binary tree
```

```
ArrayList<Integer> findSpiral(Node root) {  
    ArrayList<Integer> list = new ArrayList<>();  
    if (root == null) {  
        return list;  
    }  
    Stack<Node> stack1 = new Stack<>();  
    Stack<Node> stack2 = new Stack<>();  
    stack1.push(root);  
    boolean left = false;  
    while (!stack1.isEmpty() || !stack2.isEmpty()) {  
        if (!left) {  
            while (!stack1.isEmpty()) {  
                Node u = stack1.pop();  
                list.add(u.data);  
                if (u.right != null) {  
                    stack2.add(u.right);  
                }  
                if (u.left != null) {  
                    stack2.add(u.left);  
                }  
            }  
            left = true;  
            continue;  
        }  
        while (!stack2.isEmpty()) {  
            Node u = stack2.pop();  
            list.add(u.data);  
            if (u.left != null) {  
                stack1.add(u.left);  
            }  
            if (u.right != null) {  
                stack1.add(u.right);  
            }  
        }  
        left = false;  
    }  
    return list;  
}
```