129. Sum Root to Leaf Numbers

link

最开始的写法.

```
public void helper(TreeNode node, List<Integer> list, int[]res){
    if(node == null) return;
    list.add(node.val);
    if(node.left == null && node.right == null){
        res[0] += getValue(list);
    }else{
        helper(node.left, list, res);
        helper(node.right, list, res);
    }
    list.remove(list.size() - 1);
}
public int getValue(List<Integer> list){
    int res = 0;
    for(int i = list.size() - 1, j = 1; i >= 0; i--, j *= 10){
        res += list.get(i) * j;
    }
    return res;
}
```

更好的写法, 用一个sum代表当前val,

```
public int helper1(TreeNode node, int sum){
    if(node == null) return 0;
    if(node.left == null && node.right == null)
        return sum * 10 + node.val;
    int left = helper1(node.left, sum * 10 + node.val);
    int right = helper1(node.right, sum * 10 + node.val);
    return left + right;
}
```