

1026. Maximum Difference Between Node and Ancestor

[link](#)

传入父节点的最大值和最小值, 到叶子结点的时候, 就知道这个路径的最大值和最小值.

```
public int maxAncestorDiff(TreeNode root) {  
    return dfs(root, root.val, root.val);  
}  
public int dfs(TreeNode node, int max, int min){  
    if(node == null) return max - min;  
    int currentMax = Math.max(max, node.val);  
    int currentMin = Math.min(min, node.val);  
    int leftMax = dfs(node.left, currentMax, currentMin);  
    int rightMax = dfs(node.right, currentMax, currentMin);  
    return Math.max(leftMax, rightMax);  
}
```