/*Given a binary tree, find its minimum depth.

The minimum depth is the number of nodes along the shortest path from the root node down to the nearest leaf node.*/

-
- 思想：
- (1) 比较简单，根据有几个儿子划分几种情况，进行自递归

```
public int minDepth(TreeNode root) {

    if (root == null) {
        return 0;
    }

    if (root.left == null) {
        return 1 + minDepth(root.right);
    }
    else if (root.right == null) {
        return 1 + minDepth(root.left);
    }
    else {
        return 1 + Math.min(minDepth(root.left), minDepth(root.right));
    }
}
```