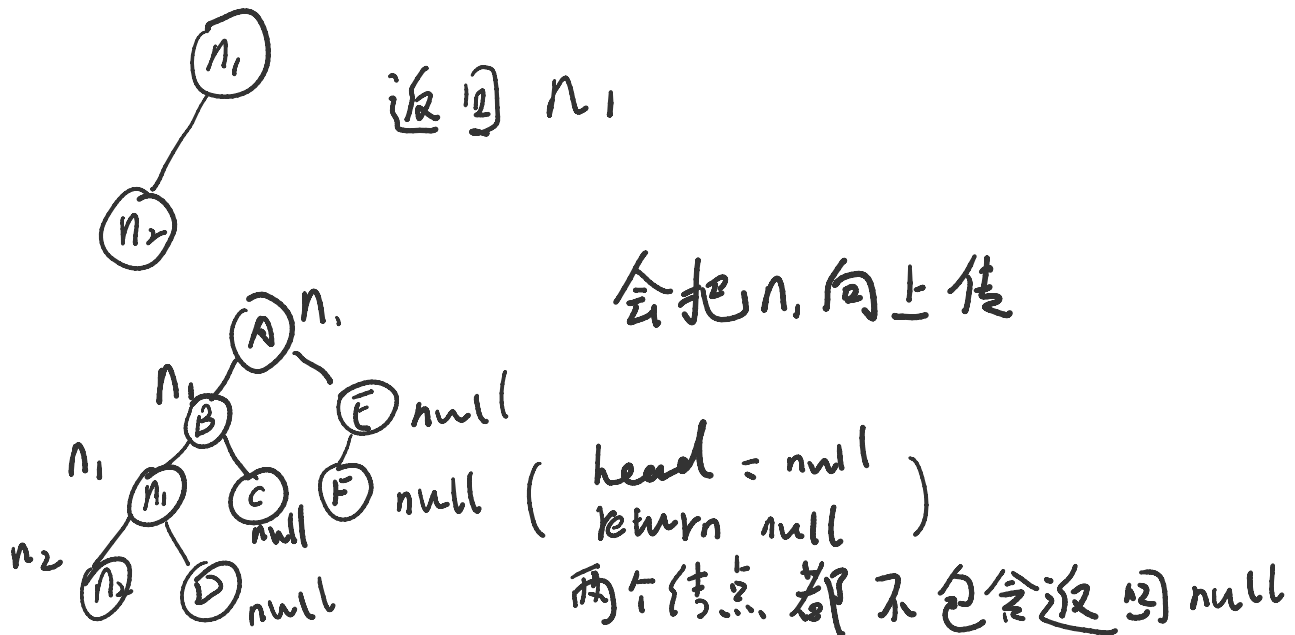
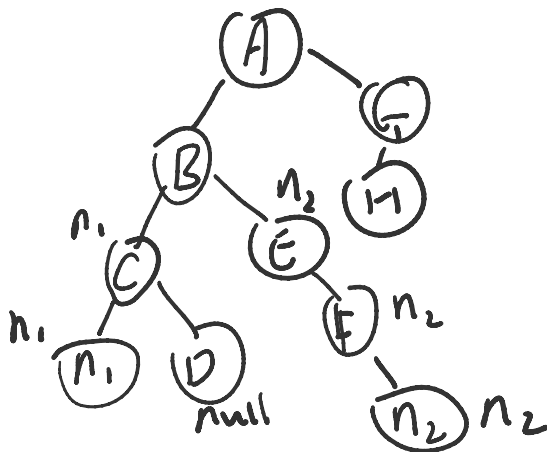


情况一：node1是node2的最低公共祖先或node2是node1的最低公共祖先



情况二：node1和node2不互为最低公共祖先，往上汇聚才能找到



代码：

```
public static Node lca2(Node head, Node node1, Node node2){
    if(head == null || head == node1 || head == node2){
        return head;
    }
    Node leftReturn = lca2(head.left, node1, node2);
    Node rightReturn = lca2(head.right, node1, node2);
    if(leftReturn != null && rightReturn != null){
        return head;
    }
    return (leftReturn != null) ? leftReturn : rightReturn;
}
```