模版·实现二叉树前序、中序、后序遍历

```
class Node{
    int val;
    Node left,right;

    publicNode(int val){
        this.val=val;
    }
}

class Tree{
    Node root;

    public void preOrder(Node node){
        if(node==null){
            return;
        }
        System.out.print(node.val+"");
        preOrder(node.left);
        preOrder(node.right);
    }

    public void inOrder(Node node){
        if(node==null){
            return;
        }
        inOrder(node.left);
        System.out.print(node.val+"");
        inOrder(node.right);
    }
```

```
    public void postOrder(Node node){
        if(node==null){
            return;
        }
        postOrder(node.left);
        postOrder(node.right);
        System.out.print(node.val+"");
    }

    public static void main(String[] args){
        Node root=new Node(1);
        root.left=new Node(2);
        root.right=new Node(3);
        root.left.left=new Node(4);
        root.left.right=new Node(5);

        Tree tree=new Tree();
        tree.root=root;

        System.out.println("先序遍历：");
        tree.preOrder(tree.root);

        System.out.println("\n中序遍历：");
        tree.inOrder(tree.root);

        System.out.println("\n后序遍历：");
        tree.postOrder(tree.root);
    }
}
```