

# 二叉树遍历

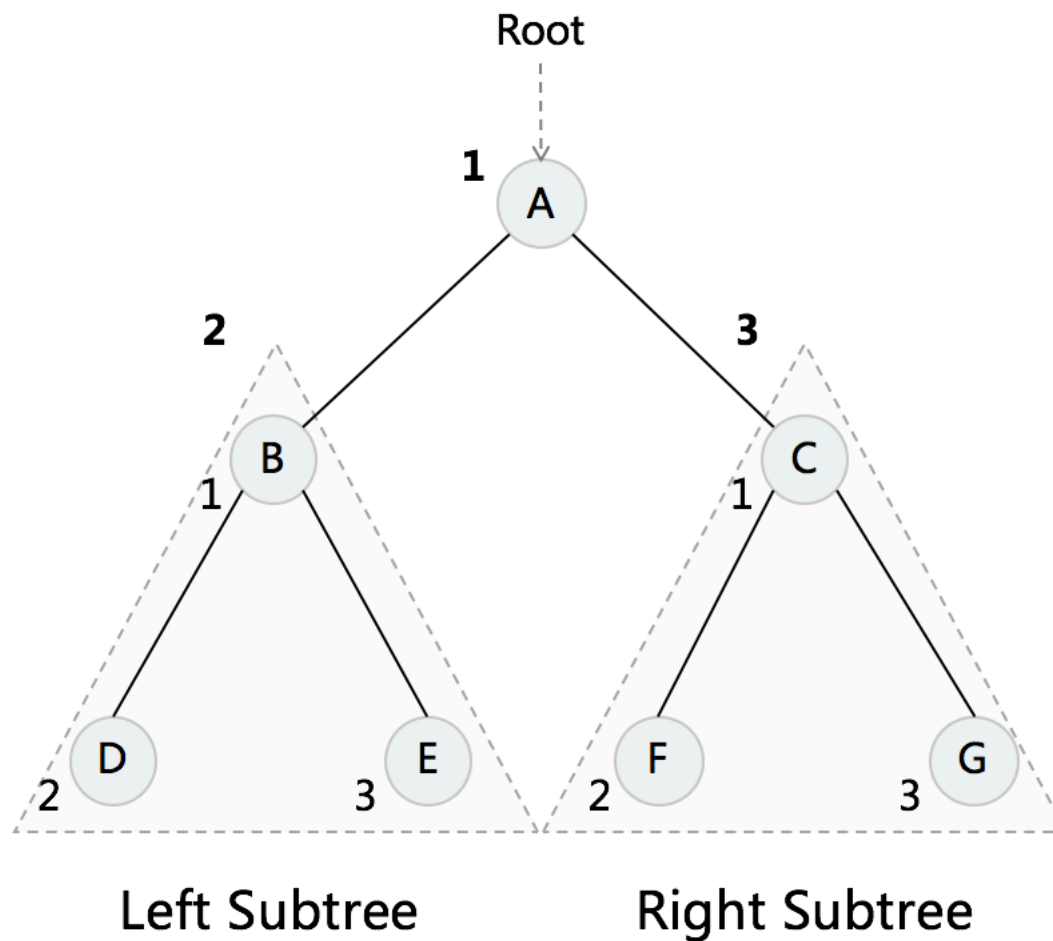
## Pre-order/In-order/Post-order

# 本节内容

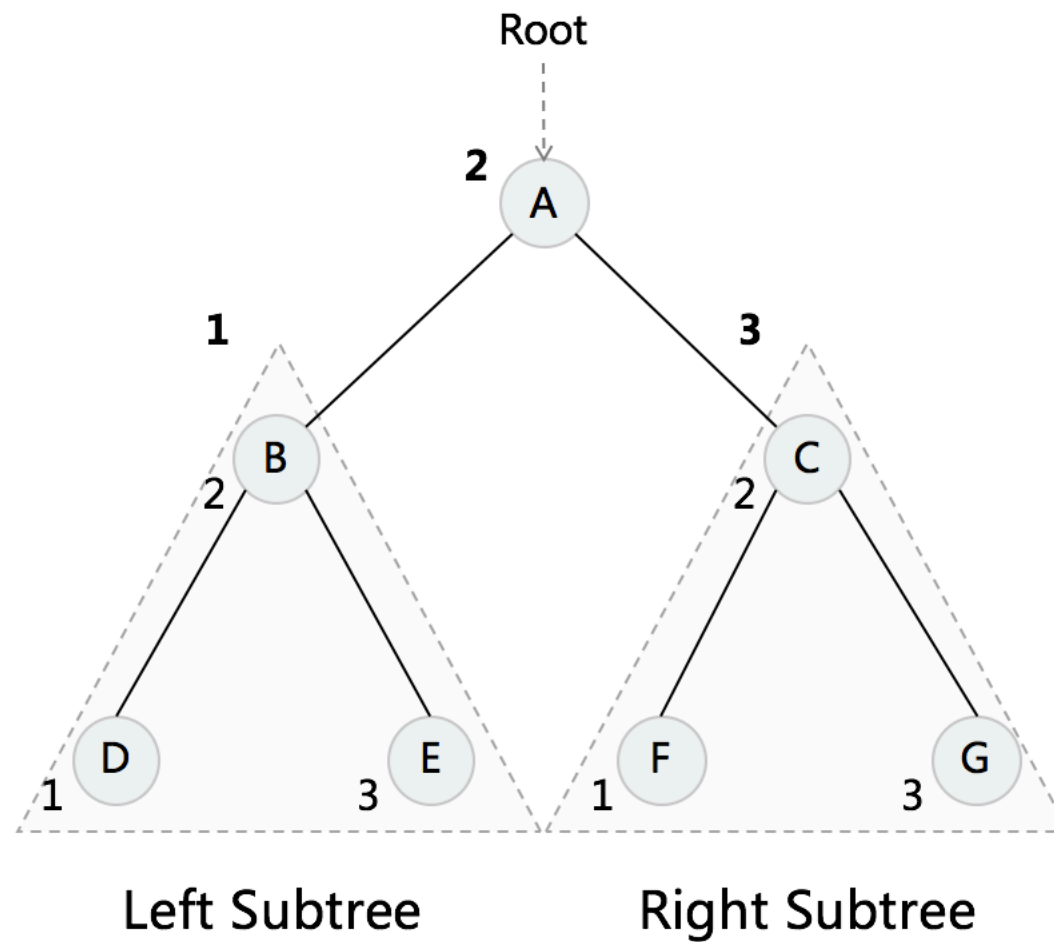
1. Pre-order
2. In-order
3. Post-order

1. 前序(Pre-order): 根-左-右
2. 中序(In-order): 左-根-右
3. 后序(Post-order): 左-右-根

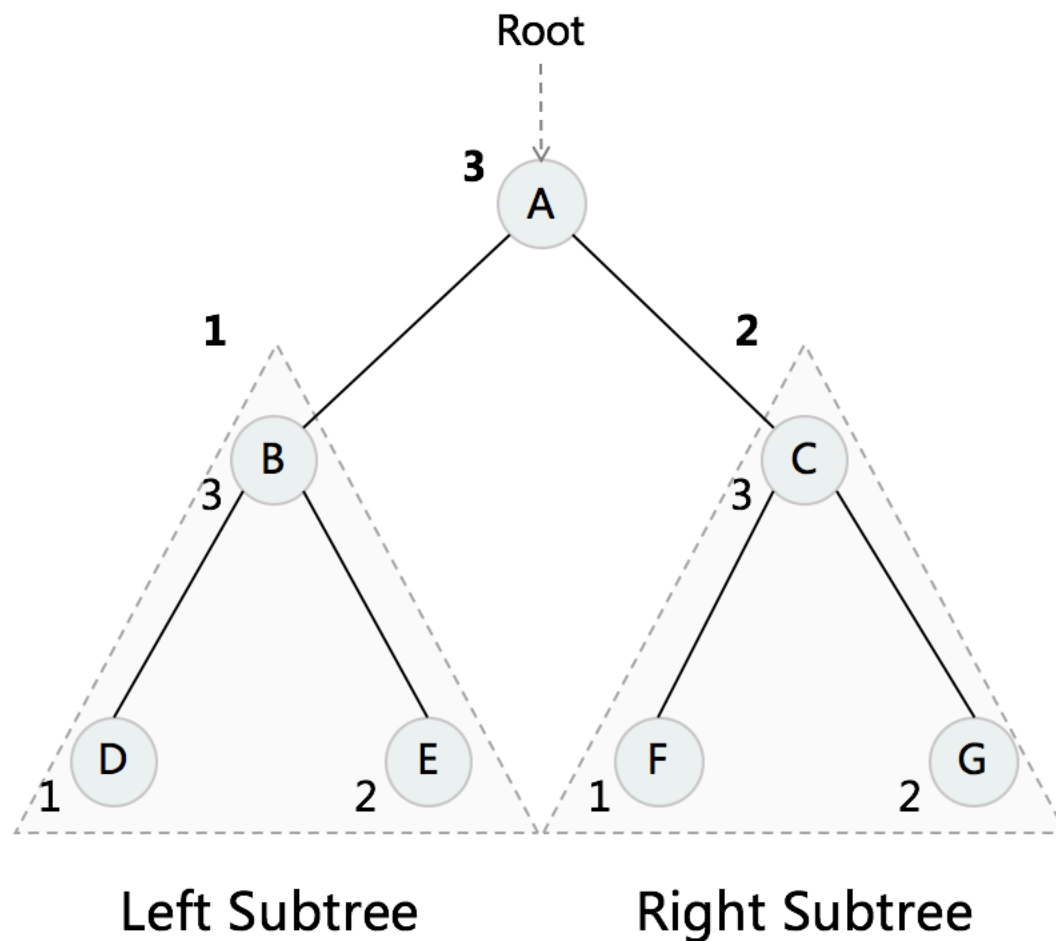
# Pre-order Traversal



# In-order Traversal



# Post-order Traversal



```
def preorder(self, root):  
  
    if root:  
        self.traverse_path.append(root.val)  
        self.preorder(root.left)  
        self.preorder(root.right)
```

```
def inorder(self, root):  
  
    if root:  
        self.inorder(root.left)  
        self.traverse_path.append(root.val)  
        self.inorder(root.right)
```

```
def postorder(self, root):  
  
    if root:  
        self.postorder(root.left)  
        self.postorder(root.right)  
        self.traverse_path.append(root.val)
```