二叉树遍历
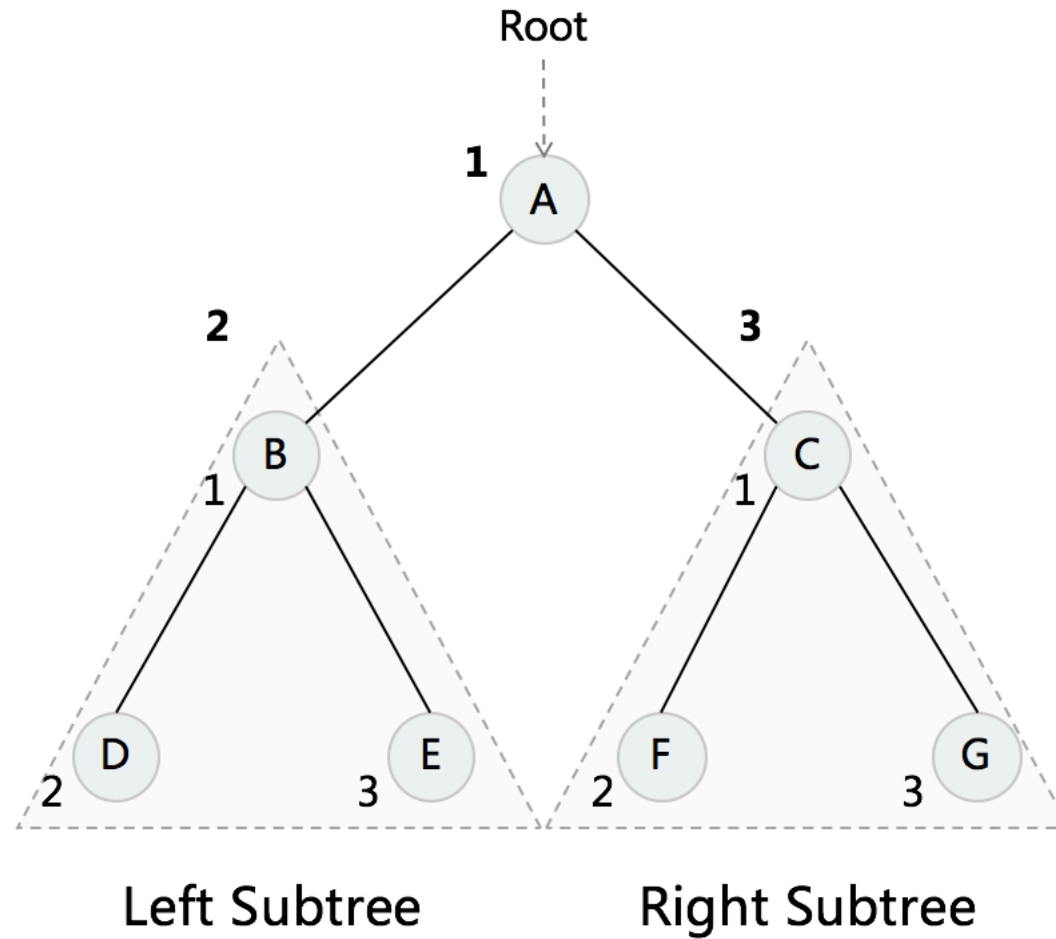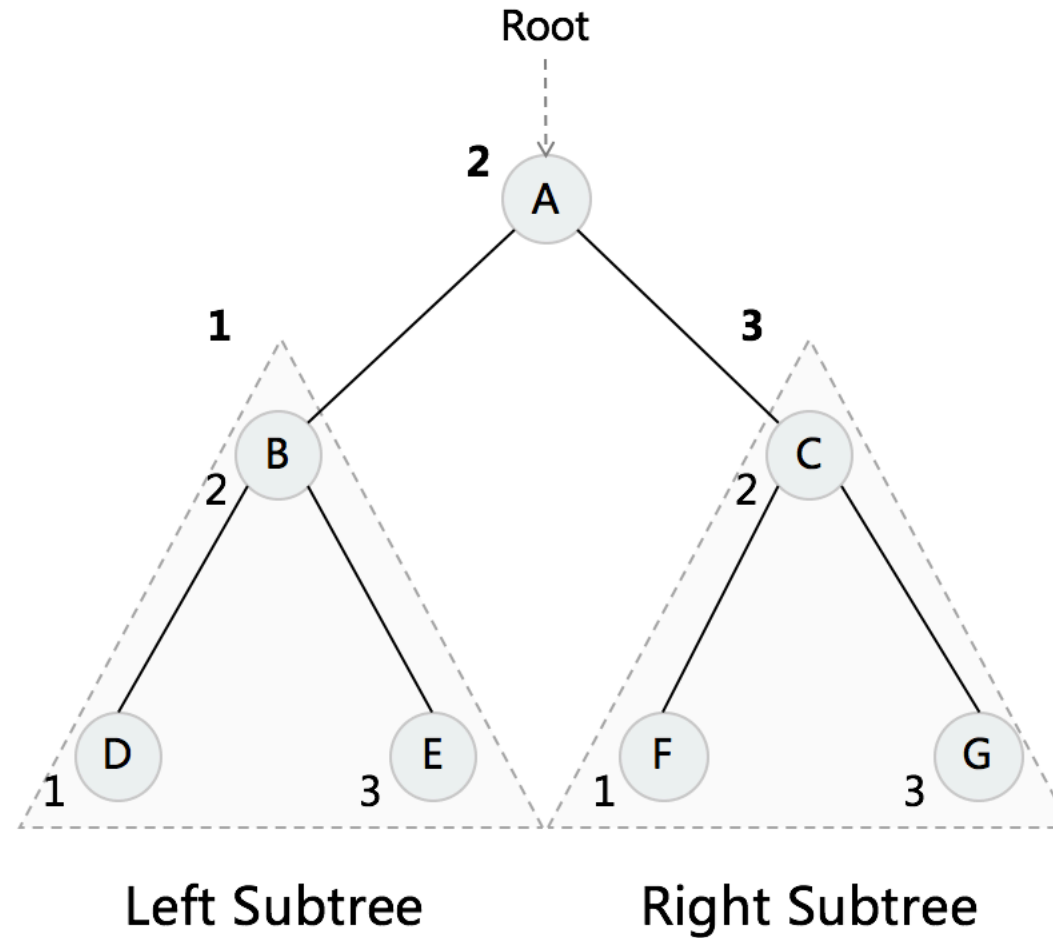# Pre-order/In-order/Post-order

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
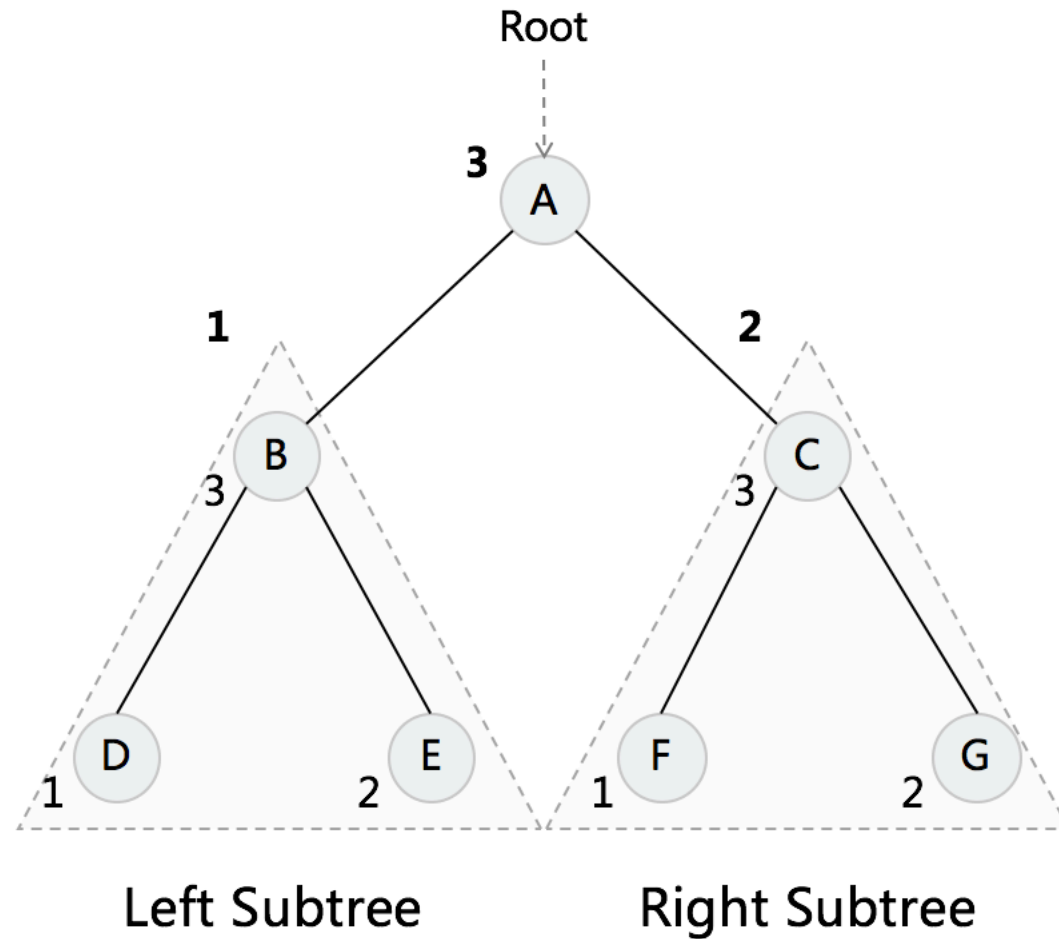
Pre-order Traversal

In-order Traversal

Post-order Traversal

```python
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)
```

实战题目

1. https://leetcode.com/problems/kth-largest-element-in-a-stream/

   discuss/149050/Java-Priority-Queue

2. https://leetcode.com/problems/top-k-frequent-words/description/