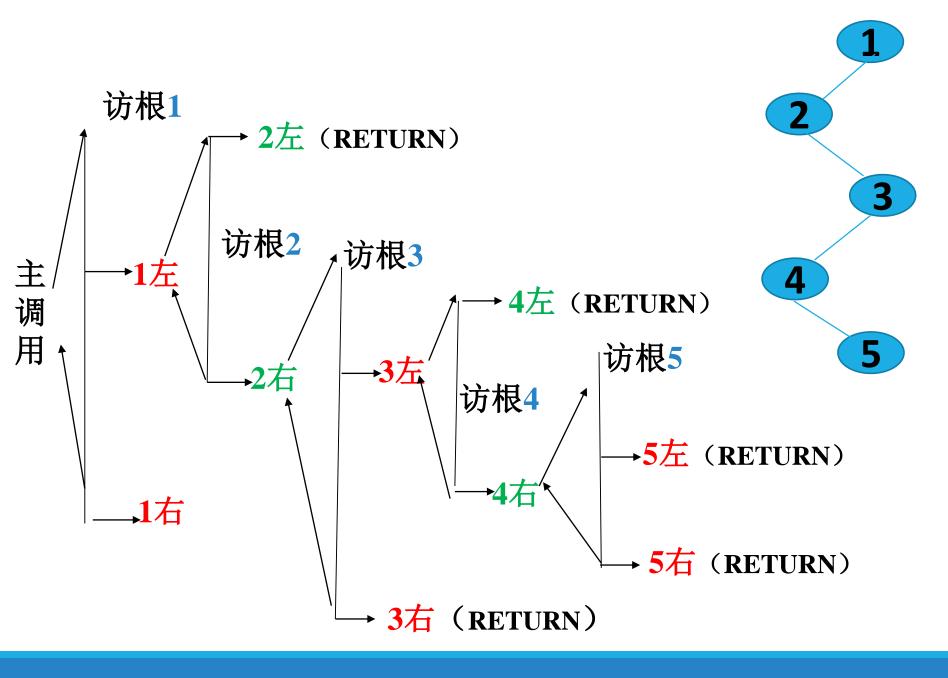
交叉遍历调用

```
28 □ void Preorder(BinTree bt)
                                 28 □ void Preorder(BinTree bt)
                                 29
29
                                 30
                                         if(bt==NULL) return;
30
        if(bt==NULL) return;
31
                                 31
                                         printf("%c",bt->info);
        printf("%c",bt->info);
32
                                 32
                                         Preorder(bt->lchild);
        Inorder(bt->lchild);
                                                                     2
33
                                 33
                                         Preorder(bt->rchild);
        Inorder(bt->rchild);
                                 34 └ }
34 └ }
                                 35 □ void Inorder(BinTree bt)
35 void Inorder(BinTree bt)
                                 36
36
                                                                            3
37
                                 37
                                         if(bt==NULL) return;
        if(bt==NULL) return;
                                         Inorder(bt->lchild);
38
        Preorder(bt->lchild);
                                 38
                                 39
                                         printf("%c",bt->info);
39
        printf("%c",bt->info);
                                         Inorder(bt->rchild);
        Preorder(bt->rchild);
                                 40
40
                                                                     4
                                 41
41
42 □ void main()
43
                                                                           5
44
        BinTree bt=NULL;
45
        bt = CreateBinTree();
46
        Preorder(bt);
47
```





```
28 □ void Preorder(BinTree bt)
30
        if(bt==NULL) return;
        printf("%c",bt->info);
        Inorder(bt->lchild);
        Inorder(bt->rchild);
34 <sup>L</sup>}
35 □ void Inorder(BinTree bt)
36
37
        if(bt==NULL) return;
        Preorder(bt->lchild);
        printf("%c",bt->info);
40
        Preorder(bt->rchild);
41 \[ \]
42 □ void main()
43
        BinTree bt=NULL;
        bt = CreateBinTree();
        Preorder(bt);
```

交叉遍历调用

```
28 □ void Preorder(BinTree bt)
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        if(bt==NULL) return;
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        Inorder(bt->lchild);
33
        Inorder(bt->rchild);
                                        2
34 <sup>L</sup>}
35 □ void Inorder(BinTree bt)
36
37
        if(bt==NULL) return;
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38
        printf("%c",bt->info);
39
        Preorder(bt->rchild);
40
                                        4
41
42 □ void main()
43
44
        BinTree bt=NULL;
45
        bt = CreateBinTree();
        Preorder(bt);
46
```

TIPS:

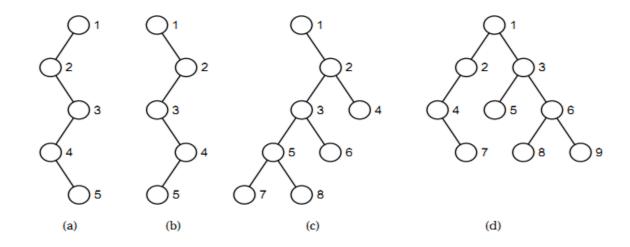
3

5

- 什么时候调用进去?
- 什么时候调用返回?



动脑加动手自己分析



(a) 1, 2, 3, 4, 5 (b) 1, 3, 5, 4, 2 (c) 1, 3, 7, 5, 8, 6, 2, 4 (d) 1, 4, 7, 2, 5, 3, 6, 8, 9

