

//5.5.3 节 算法 PreOrder

//递归先根遍历以 t 为根指针的树

```
template<class T>
```

```
void Tree<T> :: PreOrder (TreeNode <T> * t)
```

```
{
```

```
    if ( t!= NULL)
```

```
    {
```

```
        cout<<t->GetData()<<endl;          // 访问结点 t
```

```
        TreeNode <T> * child=NULL;
```

```
        child= FirstChild ( t ); //将结点 child 定位到它的第一个子结点
```

```
        while ( child )          // 先根遍历结点 t 的诸子树
```

```
        {
```

```
            PreOrder (child);
```

```
            child= NextBrother ( child );
```

```
        }
```

```
    }
```

```
};
```