

//通过调用Creat()函数，创建一棵以 root 为根的二叉树

```
template <class T>
```

```
void BinTree<T>::CreateBinTree(T tostop )
```

```
{
```

```
    SetStop(tostop);
```

```
    root=Create();
```

```
};
```

//5.2.5节 算法CBT

// 创建一棵二叉树，并返回该二叉树根结点

```
template <class T>
```

```
BinTreeNode<T> * BinTree<T>::Create()
```

```
{
```

```
    BinTreeNode<T> *t,*t1,*t2;
```

```
    T item;
```

```
    cin>>item ;           //顺序读入序列中的一个符号
```

```
    if(item==stop){ t = NULL ; return t; }
```

```
    else
```

```
    {
```

```
        if(!(t = new BinTreeNode<T>(item ,NULL,NULL))) return NULL;
```

```
        t1=Create();           //创建左子树
```

```
        t->SetLeft(t1);
```

```
        t2=Create();           //创建右子树
```

```
        t->SetRight(t2);
```

```
        return t;
```

```
    }
```

```
};
```