

```

package com.composite;

import java.util.ArrayList;
import java.util.List;

public class College extends OrganizationComponent {

    //List 中 存放的Department
    List<OrganizationComponent> organizationComponents = new
    ArrayList<OrganizationComponent>();

    // 构造器
    public College(String name, String des) {
        super(name, des);
        // TODO Auto-generated constructor stub
    }

    // 重写add
    @Override
    protected void add(OrganizationComponent organizationComponent) {
        // TODO Auto-generated method stub
        // 将来实际业务中, Colleage 的 add 和 University add 不一定完全一样
        organizationComponents.add(organizationComponent);
    }

    // 重写remove
    @Override
    protected void remove(OrganizationComponent organizationComponent) {
        // TODO Auto-generated method stub
        organizationComponents.remove(organizationComponent);
    }

    // print方法, 就是输出University 包含的学院
    @Override
    protected void print() {
        // TODO Auto-generated method stub
        System.out.println("-----" + getName() + "-----");
        //遍历 organizationComponents
        for (OrganizationComponent organizationComponent :
organizationComponents) {
            organizationComponent.print();
        }
    }
}

```

}