

**IntF.java:**

```
package job;

public interface IntF {
    public void pay();
}
```

**Person.java:**

```
package job;

import java.util.Scanner;

public class Person{

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner in=new Scanner(System.in);
        Teacher teacher=new Teacher();
        System.out.println("请输入教师基本工资及授课时数，用空格隔开：");
        teacher.basepay=in.nextInt();
        teacher.num=in.nextInt();
        CollegeStudent collegestudent=new CollegeStudent();
        System.out.println("请输入学生奖学金金额：");
        collegestudent.scholarship=in.nextInt();
        teacher.pay();
        collegestudent.pay();
    }
}
```

**Teacher.java:**

```
package job;

public class Teacher extends Person implements IntF{
    int basepay;
    int num;
    @Override
    public void pay() {
        // TODO Auto-generated method stub
        int sum=basepay+num*50;
        System.out.println("教师工资支出："+sum);
    }
}
```

### CollegeStudent.java:

```
package job;

public class CollegeStudent extends Person implements IntF{

    int scholarship;

    @Override
    public void pay() {
        // TODO Auto-generated method stub
        System.out.println("大学生工资支出: "+scholarship);
    }

}
```