

Lab11

- 要点

理解继承与多态

- 具体内容

Implement a class named Person and two subclasses of Person named Student and Employee. Make Faculty and Staff subclasses of Employee. A person has a name, address, phone number, and e-mail address. A student has a class status (freshman, sophomore, junior, or senior). Define the status as a constant. An employee has an office, salary, and date-hired. Define a class named MyDate that contains the field year, month, and day. A faculty member has office hours and a rank. A staff member has title. Override the toString method in each class to display the class name and the person's name.

Test your classes.

实现 Person 类和两个子类 Student、Employee 继承 Person 类。Person 类包含 name, address, phone number, e-mail address。实现两个子类 Faculty、Staff 继承 Employee。Student 类包含 status (freshman, sophomore, junior, senior)。将各个状态定义为 constant。每个 employee 有 office, salary, date-hired。定义 MyDate 类, 包含 year, month 和 day。一个

faculty 成员有 office hours 和 rank。一个 staff 成员有 title。
Override 在每个类中的 toString 方法，打印 class 名字和
person 名字。

测试你的类。

- **提交内容**

源代码

上传到对应 Lab11 目录

- **截止时间**

当堂检查，并于 2013. 12. 3 日晚 23 点前上传