Figure 7.4 The *Student* class continued.

So we will make our instance variables *private*, and only allow access to them via public methods.

```
class Student {
    private String name;
    private String stunum;     // ...all fields private

    // a set method or mutator

    public void setName (String newName) {
        name = newName;
    }

    // a get method or accessor

    public String getName () {
        return name;
    }
```

and now in **main**(),

```
public class TestStudent {
    public static void main (String[] args) {
        Student stu1 = new Student();

        // we now may access stu1's name field
        // only via setName and getName

        stu1.setName("Richard");
        System.out.println(stu1.getName());
    }
}
```