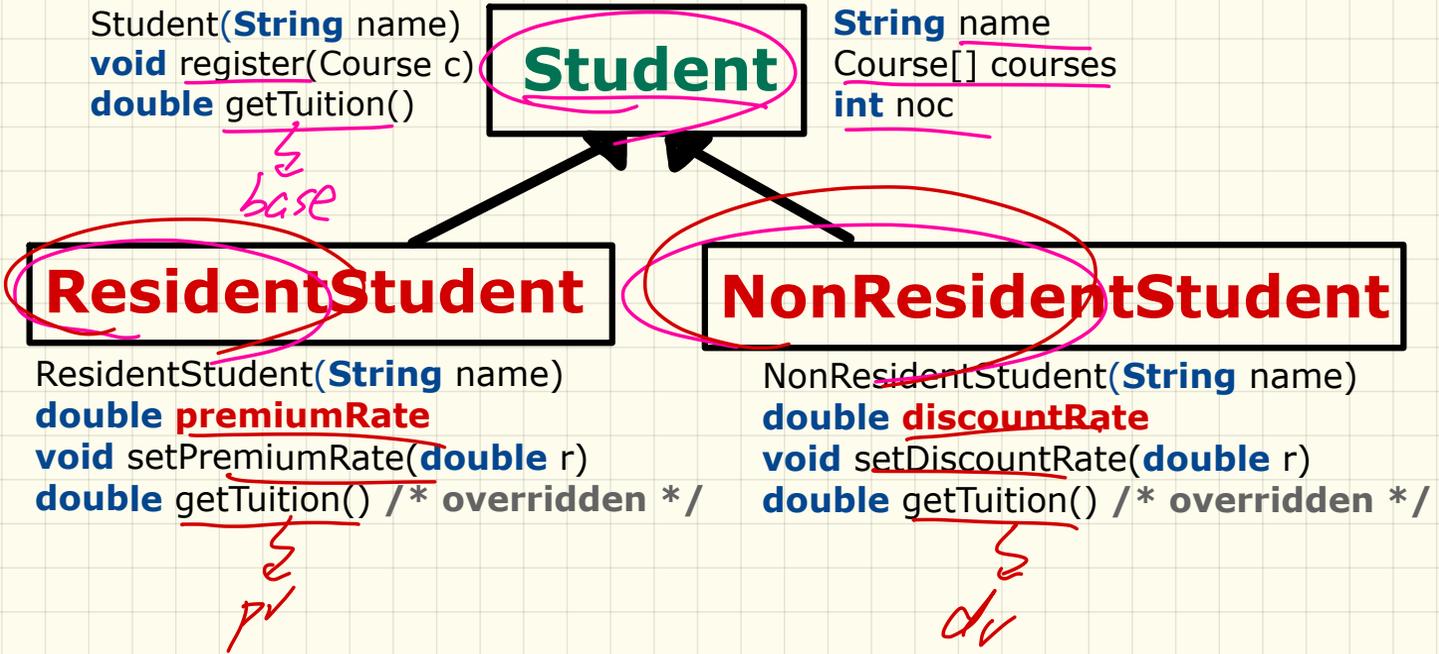


Creating Tutorial Materials as Lecture Supplements by Integrating Drawing Tablets and Video/Sharing

Chen-Wei Wang

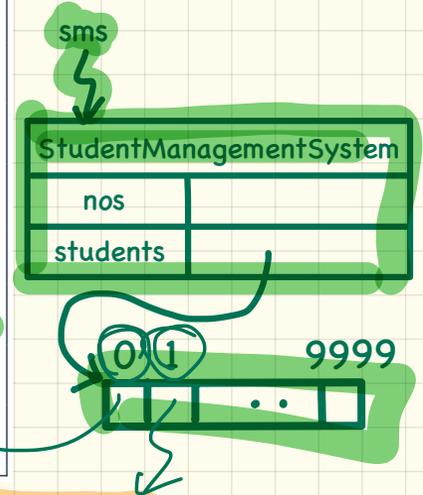
Computer Science Education Research Conference
CSERC'19

Inheritance Hierarchy: Students



Testing the Student Management System

```
1 public class SMSTester {
2     public static void main(String[] args) {
3         Course eecs2030 = new Course("Advanced OOP", 1000.0);
4         Course eecs3311 = new Course("Software Design", 1000.0);
5         ResidentStudent heeyeon = new ResidentStudent("Heeyeon");
6         heeyeon.setPremiumRate(1.25);
7         heeyeon.register(eecs2030);
8         heeyeon.register(eecs3311);
9         NonResidentStudent jiyeon = new NonResidentStudent("Jiyeon");
10        jiyeon.setDiscountRate(0.75);
11        jiyeon.register(eecs2030);
12        jiyeon.register(eecs3311);
13        StudentManagementSystem sms = new StudentManagementSystem();
14        sms.add(heeyeon);
15        sms.add(jiyeon);
16    }
17 }
```

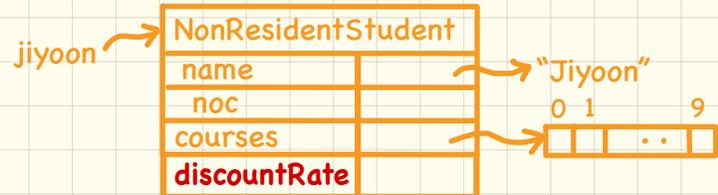
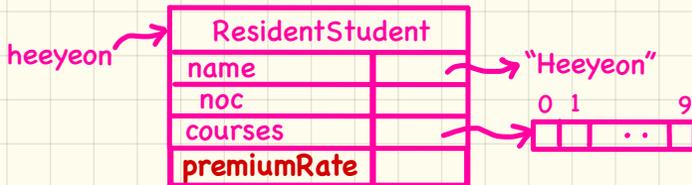
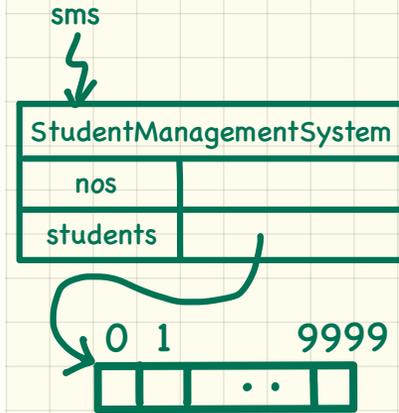


aliasing



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5         ResidentStudent heeyeon = new ResidentStudent("Heeyeon");
6         heeyeon.setPremiumRate(1.25);
7         heeyeon.register(eecs2030);
8         heeyeon.register(eecs3311);
9         NonResidentStudent jiyoon = new NonResidentStudent("Jiyoon");
10        jiyoon.setDiscountRate(0.75);
11        jiyoon.register(eecs2030);
12        jiyoon.register(eecs3311);
13        StudentManagementSystem sms = new StudentManagementSystem();
14        sms.add(heeyeon);
15        sms.add(jiyoon);
16    }
17 }
```



Creating Effective Tutorials

