

CS62: Fall 2025 | Lecture #3 (Encapsulation & Inheritance) worksheet | Prof. Li

Given the PomonaStudent and ScrippsStudent classes we just showed in class, there are 4 incorrect lines of code in the StudentLauncher class below. Identify the lines and reason about a workaround. (Please refer to the code link on the class website for reference for the classes.)

[illegible]

```
public class ClassA {  
    public void methodOne(int i) {  
    }  
    public void methodTwo(int i) {  
    }  
    public static void methodThree(int i) {  
    }  
    public static void methodFour(int i) {  
    }  
}
```

```
public class ClassB extends ClassA {  
    public static void methodOne(int i) {  
    }  
    public void methodTwo(int i) {  
    }  
    public void methodThree(int i) {  
    }  
    public static void methodFour(int i) {  
    }  
}
```

1. Which method *overrides* a method in the superclass?
2. Which method *hides* a method in the superclass?
3. What do the other methods do?