Welcome to Day 5 of the Software 1 Eight Week Challenge.

1. Do Coding Exercise 1-1 on page 23 of the Sierra and Bates reference (Creating and Abstract Superclass and Concrete Subclass. Create an additional package. Put a Fruit subclass in an additional package.
2. Extend that exercise to test instance variables of the four different access types- public, protected, default and private.

Note: Some students find this a little confusing. If you prefer, make a Berry superclass, and a Strawberry subclass in the same package, and a Blueberry subclass in a different package. In each class make a public, protected, default and private instance variable, and give each a value. Also do the same for static variables. In the main method of each class, construct a Berry, a Blueberry and a Strawberry, and see which instance and static variables will compile. After commenting out the ones that won’t compile, see what values print.

1. Send your course mentor your code. Book an appointment to meet with your course mentor tomorrow for a half an hour to review your progress, and ask any questions about this week’s material that you didn’t understand.

Here’s the contact information for the mentors who support this course:

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Cynthia Lang [cynthia.lang@wgu.edu](mailto:cynthia.lang@wgu.edu) [book time with Cynthia](https://timetrade.com/app/wgu-mentoring/workflows/WGU100/schedule/appointment-type?wfsid=b07a7e16-baba97f6-b07a7e14-baba97f6-00000002-8nohtikhm9k68q54o1gmml6pm25cji0e&locationId=course_mentoring&appointmentTypeGroupId=CM&resourceId=00530000006spSrAAI&fs=1)

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