

_____ 20 Testing

_____ 10 Exercise 15.2 (page 598) Modify `ItemList` class to keep a running total. Check the constructor, `totalPrice()`, `add()`, and `delete()`.

_____ 10 Exercise 15.3 (page 599) Add one or more subclasses of `Item`; change `inputItem()` in `CompuDuds` so that it allows the added classes as options.

_____ 10 Exercise 15.4 (page 599)

- a Add method to `Item` to discount an item's price
- b Add method to `ItemList` to discount every item's price
- c Add option to `CompuDuds` to allow discounting

_____ 10 Exercise 15.8 (page 615)

- a Write `RandomActionListener` class
- b Add a "Randomize" button to the `controlPanel`.

_____ 10 Exercise 15.14 (page 637) Explain how the invariant is preserved by each of the three methods `doYear`, `setInitialAmount`, and `setInterestRate`.

_____ 10 Exercise 15.15 (page 637) Come up with at least three specific misbehaviors that could result between `doYear` and one of the other methods. These should each cause different symptoms. For each:

- a Explain exactly what order the events would have to occur in
- b Explain, for each scenario, what the user would see

_____ 10 Exercise 15.16 (page 637) Make each misbehavior happen. They should probably show or tell where they put the calls to sleep.

_____ 10 Exercise 15.17 (page 637) Add `synchronize` keyword to the appropriate methods.

_____ **TOTAL**