

# Lesson 66: Abstract Classes Wrap-Up & Quiz (W22D2)

Balboa High School

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- Create project Lesson66 in workspace3.
- Download Store.jar from [here](#).
- Import that JAR file into your new project's src folder:
  - right-click src folder
  - type is archive file
- Draw an inheritance diagram that includes all classes except for Store and StoreDriver.
- There are problems — fix them, but make sure you **understand why each problem is a problem!**

Students will recap abstract classes and take a quiz.

# Inheritance Diagram for Store

Remember: Subclasses points to superclasses. . .

# Problems with Store

- abstract classes can *force* subclasses to include methods!
- Why was inclusion of `toString()` necessary elsewhere in the program?
- Constructors aren't inherited!
- When a constructor refers to a superclass', what's important to remember?

# Abstract Class Example

- See my compass constructions application [here](#)
- Open the source code: [Compass.pde](#)
- Find the keyword `abstract` in the Processing source code

What questions do you have before we start the quiz?

# Quiz Time!

- Turn off your monitor.
- Spread out as much as possible; some of you may be relocated to vacant workstations.
- Once done, start the HW (next slide)



Make sure you're done up to and including §4.5 of PS #11.