

Assignment 2

Subclassing!

Due: Beginning of Class, Feb 7

Let's get our hands dirty with some subclasses.

Follow the instructions in the slides from 1/24 and 1/29 to create a Vegetable superclass. Then make Potato, Pumpkin, and Onion subclasses.

1. Go to <https://github.com/evansdavid>
2. Fork the repo "Assignment 2" and clone it to your machine - this is the app that we created in class on 1/29*
3. Click on Assignment 2.xcodeproj to open Xcode. (If Xcode isn't installed on your machine, just ask one of the friendly folk at the desk or use this link: <https://developer.apple.com/xcode/>)
4. Take a look at the Fruit.m/Fruit.h files (and the Apple subclasses) that we made and use those as a base to create classes of Vegetables (same properties: Name, Shape, Color)
5. In the ViewController.m file, replace all types of Fruit with Vegetable.
6. Init and Add a Potato, an Onion, and a Pumpkin to the cart.
7. Run your app. (Command + R)
8. In the "iOS Simulator" that pops up, take a screenshot (Command+S) - this will save the screenshot to the desktop.
9. Add that into your project by dragging it into the XCode window.
10. Use git to add/commit/push your changes back to your github repo.

*Please let me know immediately if there is any trouble cloning I will happily provide you with a link to a zip file, and we can coordinate submission.