CIS 15 Spring 2010 Lab V.1

1. Make a class

   - Define a class `person`, with attributes `firstName`, `lastName` and `age`.
   - Write access functions for all the attributes, and a `print` function.
   - Write a `main` that creates a `person` object, sets its attributes, and then prints the `person`.

2. A subclass

   - Now define a subclass of `person` called `student`.
   - Give `student` the additional attribute `major`, and write access functions for `major`.
   - Write a `print` function for `student`.
   - Change your `main` from the previous question to create a `student` object, set its attributes, and then print it out.

3. Another subclass

   - Now define another subclass of `person` called `professor`.
   - Give `professor` the additional attribute `department`, and write access functions for `department`.
   - Write a `print` function for `professor`.
   - Change your `main` from the previous question to create a `professor` object, set its attributes, and then print it out.

4. Polymorphism (part 1).

   - Now write a function `whoIsIt` which takes as its argument an object of class `person` and calls that object's print function.
   - Change your `main` from the previous question so that it first passes your `student` object to `whoIsIt` and then passes your `professor` object to the same function.