CSE 202 LAB 7

Inheritance

In this laboratory, we are going to build a base class and a collection of derived classes.

1. Write the code to implement the class Person. A person has a name, address,telephone number and and E-Mail address. Be sure to include accessor functions to return each of these values.
2. Create a derived class Student which has a class status (freshman, sophomore, junior, or senior).
3. Create a derived class Employee which has the attributes office, salary, and date hired.
4. Now define a class Faculty which is derived from Employee. The attributes for the Faculty class are rank (professor, associate, assistant, lecturer) and status (tenured, tenure-track, visiting, non-tenure-track).
5. Define a class Staff derived from Employee. Staff has a single attribute indicating the position (job title).
6. Write a test main program that creates a Person, Student, Employee, Faculty, and Staff object. Use accessor functions on each object to show they are working.

NOTE : Be sure to save your work. We will be using these classes for Homework 3.