

|  |
| --- |
| **COMP 2120 – Programming in Java**  Seminar #3 |

## Due Date: We’ll do these questions in the seminar.

**Exercises**

Do EX 5.18 (see page 334 for a hint), 5.22 - 5.24 (do as a group), 5.27, 5.28

**Programming Projects**

Do PP 5.4 and PP 5.6, p. 228

**Programming assignment (to be handed in by the beginning of the lab onTuesday October 2)**

You are to provide the Java code for 2 classes, Person and Lawyer. Include in each class the usual methods (constructors, accessors, mutators, equals and toString). For each class file, create a driver program to test **ALL** contructors and methods. **Marks will be lost if the class file, or the driver file is incomplete.**

1. For the **Person** class, the only instance variables are firstName and lastName, both Strings.
2. Define a class named **Lawyer** whose objects describe a lawyer in the XYZ Law Company. The Lawyer class should the following instance variables: the lawyer's name (create a Person instance variable for this), the lawyer’s area of practice as a String (for example, Corporate Law, Criminal Law, Personal Injury, and so on), and the lawyer’s hourly fee (use the type double).

**Hand in the following**

Hand in printed copies of the Person and Lawyer class definition files, the 2 driver programs written to test each class file, as well as the output produced by each driver file.

The output generated by the driver files should contain sufficient descriptions so that I can **EASILY** understand what output has been generated. **Marks will be lost if this is not the case.**

Assignment due date is Tuesday October 2, by the BEGINNING of the seminar. **If your assignment is not handed in by the beginning of the seminar, it is late and will receive a mark of ZERO.**