# CSC343 Worksheet 15

## July 13, 2020

1. **Exercise 4.7.1:** Draw a UML diagram for the problem of Exercise 4.1.1.

2. **Exercise 4.7.2:** Modify your diagram from Exercise 4.7.1 in accordance with the requirements of Exercise 4.1.2.

3. **Exercise 4.7.3:** Repeat Exercise 4.1.3 using UML.

4. **Exercise 4.7.4:** Repeat Exercise 4.1.6 using UML.

5. **Exercise 4.7.5:** Repeat Exercise 4.1. 7 using UML. Are your subclasses disjoint or overlapping? Are they complete or partial?

6. **Exercise 4.7.6:** Repeat Exercise 4.1.9 using UML.

7. **Exercise 4.7.7:** Convert the E/R diagram of Fig. 4.30 to a UML diagram.

8. **Exercise 4.7.8:** How would you represent the 3-way relationship of Contracts among movies, stars, and studios (see Fig. 4.4) in UML?

9. **Exercise 4.7.9:** Repeat Exercise 4.2.5 using UML.