9.1P: In Person Check-in 3 – Answer Sheet

1. What was the most challenging aspect of the case study tasks? Why?

   Indeed, the abstraction of relationships between objects in object-oriented programming (OOP) can introduce complexity, particularly when dealing with inheritance and interfaces. While these concepts provide powerful mechanisms for structuring code and promoting code reuse, they can also lead to challenges in understanding and managing the relationships between different components of a system.

2. What is the most valuable thing you have learned in this unit so far?

   The abstraction mindset, often associated with planning and implementation in an object-oriented manner, is a fundamental concept in computer science and software engineering. Abstraction involves the process of isolating essential details while retaining relevant information for a particular purpose. It enables programmers to manage complexity by focusing on high-level structures and interactions rather than intricate implementation details.

3. What are some strategies for success you can start or continue using for the remainder of the semester and in future units?

   To succeed for the remainder of the semester and in future units, it's essential to prioritize effective time management, active participation in classes, and regular review of course materials. Setting specific, achievable goals and seeking out academic resources like tutoring services can provide additional support.