

SWINBURNE UNIVERSITY OF TECHNOLOGY

COS20007 OBJECT ORIENTED PROGRAMMING

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## In Person Check-in 3 - Case Study

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

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

When I started the C# programming case study, I found the object-oriented principles to be quite difficult. Coming from a procedural language background, understanding classes, inheritance, and polymorphism required a substantial adjustment of mentality.

The syntax was also a new terrain for me. I occasionally mixed up the use of semicolons, curly braces, and the way methods were declared. Error messages, though often helpful, sometimes felt overwhelming, given my limited experience.

Despite these challenges, the case study experience was illuminating. Every mistake was a chance to learn, and with each obstacle I cleared, I felt more confidence in my developing C# abilities.

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

I learned a lot about the practical aspect of coding in the COS 20007 course on C# Object-Oriented Programming. Drawing shapes taught me more than simply visuals; it taught me the fundamentals of classes and objects. Making a clock educated me about current events and real-time updates. The case study was eye-opening in that it demonstrated how to break down big challenges into simpler, codable ones. This course not only taught me programming methods, but also the philosophy behind them. With this framework in place, I'm looking forwards to the programming challenges that lie ahead.

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

For my success in this unit the strategies that I have followed would be:

- I have practiced doing code on a regular basis to get familiar with C# syntax and concepts.
- Sometimes I studied with some of my friends, and we practiced code together.

- When I used to get stuck, I looked for the solution online and go through c# online documentation to get the answer.
- Before solving any of the task I divided the task into smaller portions so that it would be easier for me to solve.
- The most important bit would be I have always asked my professor for help all the time if I were to get stuck or ran into some problems. He is kind and generous enough to help me get through the challenges and gave me possible solution or what should I try out to fix my code.