



# COS20007

## Object-Oriented Programming

Learning Summary Report

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## Self-Assessment Details

The following checklists provide an overview of my self-assessment for this unit.

In addition to the checklists, please append the following supporting appendices to your portfolio:

- **Appendix I:** A list of screenshots showing each task title and the feedback from your tutor upon submission.
- **Appendix II:** A summary of task corrections. For each task, if you have made any amendments or corrections that have not been previously assessed by your tutor, please summarize these changes. If there are no corrections or updates, indicate that the task submission from previous weeks (up to Week 12) remains unchanged.
- **Appendix III:** A list of your up-to-date **corrected** task submissions in PDF format. These should reflect any changes mentioned in Appendix II. If your submission has already been assessed by your tutor on a weekly basis and there have been no changes, you do not need to resubmit the PDFs, as we already have them.
- **Appendix IV:** The source code of all your previous task submissions in compressed zip format. Regardless of whether you made corrections or not, you must include all source code for your task submissions. Compress the source code into one or more zip files and submit them to Canvas along with your portfolio report. For example, the first .zip file can contain all the source code for the Hello-World program, The Counter, and Clock projects. The second .zip file should contain all the C# source code (.cs files) and test case implementations for your task submissions related to the Shape Drawing project. Finally, the third .zip file should include all the C# source code (.cs files) and test case implementations for your task submissions related to the Swin-Adventure case study.
- **Appendix V.** If you repeatedly receive minor/major revision feedback after the T1-1 - Semester Test Fix and Resubmit, you can still resubmit your corrections in this appendix. You need to summarize how you addressed the feedback and submit your full test solution again. However, this will result in a mark deduction from your final grade.
- Alternatively, if you failed to submit the T1-1 - Semester Test Fix and Resubmit by the deadline, you can still submit it in this appendix. However, this will result in a **FAIL grade** for the unit if your test resubmission is incorrect.

### Remarks:

Failure to provide the source code for any task submission will result in that task not being assessed, even if the source code is printed and included in the PDF submission. The teaching team needs the source code to execute it and verify correctness. Additionally, the source code will be used for plagiarism detection and academic integrity checks.

*Self-Assessment Statement*

	Pass (D)	Credit (C)	Distinction (B)	High Distinction (A)
Self-Assessment		V	V	

*Minimum Pass Checklist*

	Included
Learning Summary Report	V
Test is Complete	V
C# programs that demonstrate coverage of core concepts	V
Explanation of OO principles	V
All Pass Tasks are Complete	V

*Minimum Credit Checklist (in addition to Pass Checklist)*

	Included
All Credit Tasks are Complete	V

*Minimum Distinction Checklist (in addition to Credit Checklist)*

	Included
Custom program meets Distinction criteria & Interview booked	V
Design report has UML diagrams and screenshots of program	V

*Minimum Low-Band (80 – 89) High Distinction Checklist (in addition to Distinction Checklist)*

	Included
Custom project meets HD requirements	

*Minimum High-Band (90 – 100) High Distinction Checklist (in addition to Low-Band High Distinction Checklist)*

	Included
Research project meets requirements	

## Declaration

I declare that this portfolio is my individual work. I have not copied from any other student's work or from any other source except where due acknowledgment is made explicitly in the text, nor has any part of this submission been written for me by another person. Failure to meet this requirement will result in a failing grade for the unit.

Failure to provide the source code for any task submission will result in that task not being assessed, even if the task is included in PDF format.

Signature: **Đức**

## Portfolio Overview

This portfolio includes work that demonstrates that I have achieved all Unit Learning Outcomes for COS20007 Unit Title to a Distinction level.

[Provide a justification for why you should receive this grade... Write this for the assessment panel – tell them why you should get this grade.

For Pass: you need to indicate how you have demonstrated all Unit Learning Outcomes to a minimal level.

For Credit: you need to indicate how you have demonstrated all Unit Learning Outcomes to a good level.

For Distinction: you need to indicate how you have been able to apply all of the Unit Learning Outcomes in achieving the distinction tasks.

For High Distinction: you need to indicate how you have been able to extend beyond the material presented in the unit.

In this section, refer to the tasks you have completed. Do not try to demonstrate the outcomes here, this is just a summary.

Think of this like a cover letter to a job application – here it is a cover letter to your grade application.

*Overall, I have finished all the tasks on the Pass and Credit level. I would also use my Custom Program as a guide to help aid the grade.*

## Task Summary

To demonstrate my learning in this unit, I would like the following tasks to be considered part of my portfolio:

The following tasks to be considered part of my portfolio

- 9.2C
- 10.1C
- 11.1P

## Reflection

The most important things I learnt:

Mostly C# and how to draw UMLs

The things that helped me most were:

The things that helped me most are my own debugging skills and information search skills

I found the following topics particularly challenging:

Mostly just handle tasks in general

I found the following topics particularly interesting:

The topics that I found interesting are mostly the Dotnet architecture.

I feel I learnt these topics, concepts, and/or tools really well:

I learned the OOP principles and SOLID pretty well, as well as Git and NuGet.

I still need to work on the following areas:

I still need to work on my custom program mostly.

My progress in this unit was ...:

Overall, I did constantly submit to assignments and engage with the tutor during the lessons.

This unit will help me in the future:

I think I learnt some C# and SQL, which may help me get into positions where C# is used.

If I did this unit again I would do the following things differently:

Probably ensuring Visual Studio didn't uninstall itself.

Other...:

[ Add any other reflections you think help you demonstrate your learning ]

## Appendices

I.

Please check the added zip file as appendix 1 in the submission along with this document (in Canvas)

II.

The tasks in the previous weeks has been discussed and corrected by my tutor. Therefore, no changes to them will be made.

III.

The tasks has been corrected, thus no changes are required.

IV.

See the relevant zip files on Canvas.

V.

I do not receive any corrections on the Test. Therefore, I will not submit anything for this appendix