



# COS20007

Object oriented programming

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## Self-Assessment Details

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

### *Self-Assessment Statement*

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

### *Minimum Pass Checklist*

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

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

	Included
All Credit Tasks are Complete	✓

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

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

### *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.

Signature: **Tran Hoang Hai Anh**

## Portfolio Overview

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

I should get the Distinction mark for this unit as I have passed all Pass and Credit tasks, I have learned detailly from this course how object oriented programming works with four main principles from inheritance to encapsulation etc. I have also created a game on my own which has met all the requirements for Distinction level program on my own which has all object oriented principles as well as great functionality and easy to maintain code.

### Task Summary

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

6.2D,6.3D,10.1C,9.1C,7.2C,5.2C as these tasks are above Pass level which require some skills at Object oriented programming.

## Reflection

### The most important things I learnt:

I have learned to create a fully functional program in C# with the Object oriented programming architecture which will help me a lot in the future when I want to create a better and more sophisticated program which highly needs code reusability

### The things that helped me most were:

My teacher Khoa, He has carefully instructed me to do many tasks without hesitance.

### I found the following topics particularly challenging:

Nothing at all because I understand this concept pretty well.

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

I have created a complicated program in C#

### I still need to work on the following areas:

Coding to the HighDistinction level which requires more sophisticated and complicated in my program

### My progress in this unit was ...:

I have done all the tasks perfectly as well as on time.

### This unit will help me in the future:

It will help me to become a more comprehensive coder.

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

I will try to get the HighDistinction mark.