

COS10009 – Introduction to Programming

LEARNING SUMMARY

SWINBURNE UNIVERSITY OF TECHNOLOGY | Hawthorn

Learning Summary Report

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

Self-assessment Statement

	Included (please tick)
Learning Summary Report	✓
Test 1 and Test 2 are Complete in Doubtfire	✓
Ruby programs that demonstrate coverage of core concepts	✓
A C program that demonstrates coverage of core concepts	✓

Minimum Pass Checklist

	Included (please tick)
All Credit Tasks are Complete on Doubtfire	

Minimum Credit Checklist, in addition to Pass Checklist

	Included (please tick)
Distinction tasks (other than Custom Program) are Complete	
Custom program meets Distinction criteria & Interview booked	
Design report has structure chart and screenshots of program	

Minimum Distinction Checklist, in addition to Credit Checklist

	Included (please tick)
HD Project included	
Custom project meets HD requirements	

Minimum High Distinction Checklist, in addition to Distinction Checklist

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: _____ Shahed Hasan Khandakar

Portfolio Overview

This portfolio includes work that demonstrates that I have achieved all Unit Learning Outcomes for COS10009 Unit Title to a **Pass** level.

I have completed all the pass task and demonstrated minimal level of understanding in regard to the learning outcomes. I have successfully completed all the different task in one go with getting "Redo" only twice that too for wrong submission. The pass tasks were mostly straightforward and did not require a high level of critical thinking. Task 7.1 was about making a custom music player and it was somewhat critical, but I still managed to finish it and achieved a three star for quality. I also did the concept map and the design documents and got 2 and 3 stars respectively which shows my understanding of the logics and the designs of the code. I also achieved a 4 star for quality in task 3.3P shape drawing which shows my creativity and understanding of Gosu.

This study resource was
shared via CourseHero.com

Reflection

The most important things I learnt:

The most important things I learned in this unit is how to do programming and learned two new languages. I learned the structures and logics behind coding and used those structured coding to run small programmes.

The things that helped me most were:

The short lectures in the tutorials helped me immensely in learning because in the tutorial it is much easier to ask questions and tutor could go through that in more depth that is always not possible in the lecture. The helpdesk was also very helpful especially when in the middle of the week I would be stuck with how to make a program run and find no solution myself. Going to the helpdesk helped me more because I could exchange ideas and talk to other students about problems we are facing and try to find out a solution our self

I found the following topics particularly challenging:

I found debugging a bit challenging because it seemed very confusing with all those wrong functions. I had to be very careful and fix each problem precisely to make the program run. That took a lot of time and patience because had to take a trial and error approach at times to fix it.

I found the following topics particularly interesting:

I found Gosu to be quite interesting because it dealt with moving shapes and color so there was a lot of scope for creativity. I also found C interesting because I wanted to learn C for a long time and only got exposed to it in this course.

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

I do not think I learned any topics, concepts and/or tools really well. I feel I just learned the basics of it which is transpired by the grade I am hoping for, pass. I did not learn any of the topics/concepts with a deep level of understanding because I had hard time to start the Credit tasks.

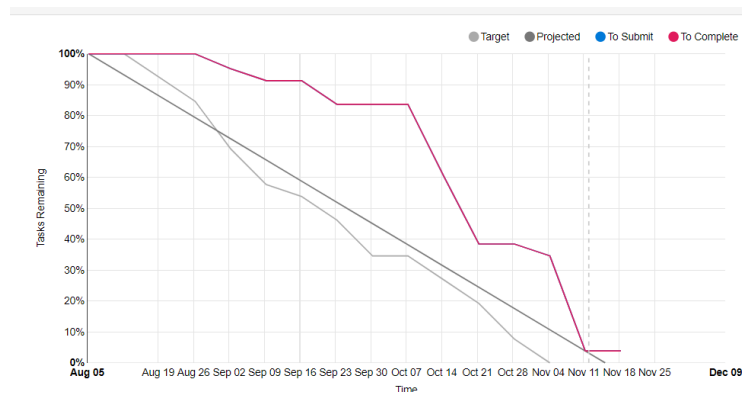
I still need to work on the following areas:

I feel like I still need to work on building custom programs from scratch. That is the reason I could not do the Credit and Distinction tasks because it mostly dealt with custom programs. I have felt that I could do the pass tasks, where a basic layout and hints were given, without much hassle but creating custom programs like in Task 7.1P I struggled a bit.

My progress in this unit was ...:

I think my progress has been very inconsistent because I have tended to do the assignments together and submitted them together which is evident from the last submission as well.

Learning Summary Report



This unit will help me in the future:

I am studying Bachelor of Information and Communication technology but am not still sure about the major I want to do but I believe this course is a steppingstone for all the future programming courses I would have to take in order to finish my degree.

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

If I did this unit again, I would allocate time for each task differently. I thought I would do the Credit and Distinction tasks but did not plan about it ahead and ended up having a hard time to even finish the Pass tasks properly on time. If I did this unit again, I would definitely plan about the tasks better and allocate time accordingly.