Logbook for programming assignment.

A reflection of my programming skills.

I believe that throughout this coding practice, although I enjoy coding and learning new stuff, I don’t believe I learnt this programming language well enough, so as a goal for myself I will code another project in this language, and I will try to expand it out and try to learn and code a lot of different features and use a variety of C elements and libraries. For this coding project I didn’t struggle applying elements that were taught in lectures as for me I can read code and most times just be able to tell what it does, so I can rewrite it, but because car sales and ticket sales were different, and because I wanted to use structs instead of arrays I struggled to find the materials online and found myself referring to AI where I wouldn’t just give it my code I would basically have a conversation where I would be given an example of how it was used so I would learn that concept. Overall though I would like to say I met all the criteria to a visible extent where an attempt can be seen even if it doesn’t entirely qualify. However I can say that from the start of the module to now I feel a lot more confident in my ability to code in C, I thought from the start it will be alright considering I was good in C# where I chose to do my NEA in it, but after being faced with challenges and overcoming them I can say I am happy with the development, but there is always room for improvement. One of the areas I feel most confident with now is reading and writing to file. This is because I did a lot of research, with the help of AI and forums, to find the best way to read and write to files, so I implemented a set solid structure in my code and instead of having to adapt my reading function to only read a certain amount and I would have to estimate how long it would be, I can just tell the program, for example, to read till the new line. This is helpful when handling user feedback in the car sales program.

Plan for the next two years.

A hard skill target for me is to learn C better. For this I will be making a few C projects of my own in the next couple of months. Over trimester 3, considering there aren’t any timetables lectures I will focus on Pluralsight to learn as many new topics and languages as I can, to expand my coding skills. A soft skill I feel like I need to better improve is my time management with this project. I have realised near the end of the module I was only working on this project mainly in the practical sessions and not as much as I could have been at home.

A short-term goal is improving my C ability. I put this as short term as it’s the Christmas break which gives me time to work on this.

A midterm break would be making a semi advanced project using this language. I put this as midterm because it will take a few months for this to be made, and I would like to learn the aspects of the language first.

A long term goal would be completing Plurasight or as close to complete as possible. This is a goal mainly for myself because I have been lucky enough to have access to all the resources on there so I won’t let it get wasted.