COMP3111 – Lab 8

- What major problems have you encountered and how did you deal with them?
- What specific skills you utilized that allowed you to resolve the issues?
- Or, if there are ongoing challenges yet to be cleared, what specific skills you aim at acquiring to resolve the issues?

A significant problem I continuously encountered in this course was trying to solve the lab exercises in my environment. Because I have a background in coding, I wanted to use vscode/other tools that I'm used to instead of the recommended ones for the labs. This would end up being a bigger problem than I thought. First, this was because the lab tutorials only showed instructions for the recommended tools (Eclipse), which meant that for you had to interpret each instruction on your own and try to do the same thing in my environment.

The problem that I stumbled upon was trying to use JavaFX with Gradle in Vscode. I had a really hard time trying to solve it on my own where Vscode couldn't detect the JavaFX packages with Gradle project structure. When looking at setting it up in Vscode there wasn't any official documentation and not a lot of information on the internet. From earlier experiences when stumbling upon a problem like this I have always learned to deal with one thing at a time. For example, when trying to resolve this problem I usually would end up fixing something which in turn would break something else.

In my case, the problem that was with the project was a couple of things. The first was that I manually had to specify a lot of path settings for each Gradle project. The second thing was that some of the Java paths had to be rewritten to point somewhere else due to an old Java project.

Something that I always try to do when I stumble upon an issue like this is to take things slow and try to read tutorials/documentation on the problem. In most cases just reading the official documentation will resolve the issue but I don't always. That's when you need to step by step resolve the issues. Meaning that the skills that I utilize in resolving the issue are taking things slow and reading up on documentation before doing.