**What I learnt during TimeInRange**

During the TimeInRange project, I used several things that I have not used before and had to learn how to use them, these include, testing with assertj and assert statements. There were also several other small things.

Testing –

This was the first time where I had done proper testing, testing multiple inputs for multiple different situations, and then how the console would respond to certain errors. The main lines that I used was assertTrue and assertFalse, I will be using these in future a lot more, they help to test what you want to happen if things go right and if things go wrong. Overall, I learnt a lot about testing and making sure you can think of all the possible type of inputs that the user could give.

Small things –

I learnt that you can use regex with an array to save multiple inputs which helped a lot in this project, then using it again for error handling.

Return statements –

You can return the if statement since by default it will return true or false, so there is no need to manually write return true else return false.

In conclusion I had a lot of fun with this mini project learnt a lot of useful things and especially had to do efficient testing.