**Module Reflection**

This module has taught me a lot about trees such as Red Black trees, B Trees and B+ trees. I was also able to refresh my memory on binary search trees and AVL trees. This module is important as it relates to efficient data management in software development. However, I used external resources to learn as well. I think the topic could have been better explained if the tutors went through examples step by step instead of annotating over lecture slides, for example, I didn’t quite understand the red-black and had to use Youtube to extend my knowledge. I highly recommend StudyKorner as they post good videos on trees.

**Code Reflection**

I used some of the code given in the module resources. However, I had to create a new program file as it was hard to code over the original. I also had to change some functions a bit as I could not get the program to work properly when I was adding new functions such as the rotations. For the rotations I turned to online forums and websites for help. Overall, this code was personally quite difficult as my code kept going wrong and I had to repeatedly backtrack and fix it.

RB Trees

A paper with lines and dots

Description automatically generatedA paper with lines and symbols on it

Description automatically generated

B+ Trees

A notebook with writing on it

Description automatically generated

A paper with writing on it

Description automatically generated

B Trees

A diagram on a piece of paper

Description automatically generatedA paper with a diagram

Description automatically generated