Learning Journal

Unit\_3

Dawid

**Reflection:**

**Thursday, 22/04/2021, 8 – 12am: Reading Assignment:** This weeks reading was interesting in the sense that I read about linked data structures. For example, stacks and queues using a linked list or a doubly linked list. I enjoyed it and also learned a lot.

**Thursday, 22/04/2021, 1 – 3am: Discussion Assignment:** In this weeks discussion assignment we had to discuss ADT’s along with their advantages towards program modularity. This was interesting since I was able to gain some deeper insight into what ADT’s are, as well as, the advantages of using them. The fact that ADT’s can help with encapsulation of code and abstraction is a very neat way of coding in my opinion.

**Friday, 23/04/2021, 8 – 5pm: Programming Assignment:** The programming assignment was very interesting. Coding a doubly linked list and specifically for an area was a bit tricky, since, it does not fully follow the conventional form of the doubly linked list. I had to really think hard in order to get the bugs out and the code working. However, it was very insightful and good experience.

**Saturday, 24/04/2021, 8 – 9am: Self Quiz:** The self quiz really helped a lot in order let the theory of linked lists and trees to sink into my brain. I was able to understand a lot more of what is going on as well as what is tree is and how it works.

**Wednesday, 28/04/2021, 8 – 9: Graded Quiz:** After studying the whole week I finally attempted the graded quiz today. I am proud of my self regarding my scores and how well I did. But more importantly I am proud of the knowledge I am able to gain.