Learning Journal

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**Thursday, 15/04/2021, 8 – 1 pm: Reading Assignment:** Today I read in chapter 9 of the text book about recursion. My biggest mistake with recursion was that I always tried to figure it out instead of just making sure that my base cases are correct, my recursive call makes the problem smaller, and then just taking a leap of faith by running the program. This chapter really opened my eyes to how easy it can be, however, it can still be hard just a little less hard.

**Friday, 16/04/2021, 6 – 8 am: Discussion Post:** The discussion post of this week was interesting. I was able to dive a bit deeper into recursion along with some it’s advantages and some of it’s disadvantages. Even though there are so many advantages I tend to lean towards the fact that it can use a lot of memory, which sort of puts me off of using it in a program.

**Friday, 16/04/2021, 8 – 8:30 am: Self Quiz:** The self Quiz was fun, However, I miss it to have more than just one type of test. There use to me more and now there is only one. Nevertheless, it was good and it also helped me to understand linked lists and recursion a bit better.

**Firday, 16/04/2021, 9 – 14:30 pm: Programming Assignment:** This week’s programming assignment was interesting, I learned so much that it’s hard to keep the entry simple. Nevertheless, I will try and do so. I started by examining the SimpleRandomSentences.java file, the code was beautiful, however, I did not fully understand the BNF syntax. Therefore, I had to first learn what BNF is and how to decode it before I was able understand how the implementation of such a program would go. Nevertheless, after I learned how BNF works and how to understand the decoding part of it I was able to implement my programming assignment.