

For another assignment that I did in my major of Information Technology, that would be a Capstone project for my IT-2789-1 Structured Programming course that involved designing and coding the first 50 Fibonacci Numbers.

For everything that I specifically did to complete this assignment, that would be that I first talked about the Fibonacci Numbers in detail. How I specifically did this was that I first researched them in detail along the lines of what they exactly are, how they might be used, and also how they are calculated as well too. After doing my research, I then wrote a short report from my sources I found where I explained what they exactly are, how humans use them, how they appear in nature, and also how they are calculated too. After the report, I then did a program design of calculating and displaying the first 50 Fibonacci Numbers where I included in that design the features and requirements of the program, a class diagram, commented stubs, and a UI WireFrame. Lastly, after doing the design, I then created my final program that implemented the program design of the Fibonacci Numbers which complied to both S.O.L.I.D. and Clean Code rules, and also complied the outputs to the good User Experience rules as well too. After I was finished with creating my program, I then presented it to the class.

With that, when it comes to what I learned from the assignment overall, that would be how to write a program from something with basing it off of it through the overall process of writing about it, designing it, and programming it with presenting and reflecting off of it afterwards.