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cmsc204  Prof.Kuijt

Assignment 1

Screenshot of GitHub:

A screenshot of a computer

Description automatically generated

Screenshots of program running:Graphical user interface, text, application

Description automatically generatedScreenshot of JUnit Test cases:Graphical user interface, text

Description automatically generated

Lessens Leaned:

What have you learned?

I learned how to make my own exceptions and use them in my utility class and throw them when necessary. I also learned more on how to write Javadoc comments and generating the documents. I also gained a lot of experience with doing debugging with JUnits by making my own student JUnit. With every new project, I learn how to organize my code with comments and good programming style.

What did you struggle with?

I struggled with coding some of the methods for the Utility class. The main methods that I struggled with were the NoSameCharInSequence​ and the isWeakPassword. I wasn’t sure how to do them at first. I tried converting the password string to an array of chars and comparing each char in a loop but for some reason the JUnit didn’t like the code. I redid the code without using an array and I was able to do it successfully.

What would you do differently on your next project?

For my next project I would start it much earlier. I struggled a lot because I started a little late and I felt like I was rushed, and I was not organized as much as a could have been. I would like to redo this project on my own time to see if I could do it differently.