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Github Screenshot

Graphical user interface, text

Description automatically generated

Junit Screenshot

Text, application, chat or text message

Description automatically generated

**Lessons Learned:**

Throughout the course of Assignment 1, I have learned how to create a password checking program in Java, and specifically how it can help me in the future if I create my own Junit tests as I go along. I also learned to use the Eclipse debug feature, something I have never used before and it certainly shortened the amount of time it took me overall. Before this assignment, I had minimal experience with exception handling and this assignment helped me get more experience.

There are some improvements I can still make in the future, though. First, I should’ve completed a better UML diagram than the one I had in order to realty assist me with getting started. When I began programming for this assignment, I failed to follow the Javadoc adequately, and I should’ve done that as I found myself completely rewriting my code last minute. Finally, I should’ve included another one of my own Junit tests to check the logic of my checkChar method, which would’ve saved me time.

In the future, I hope to create a better quality UML diagram. I also hope to take the Javadoc more seriously and spend significant time planning out my code before actually writing it.