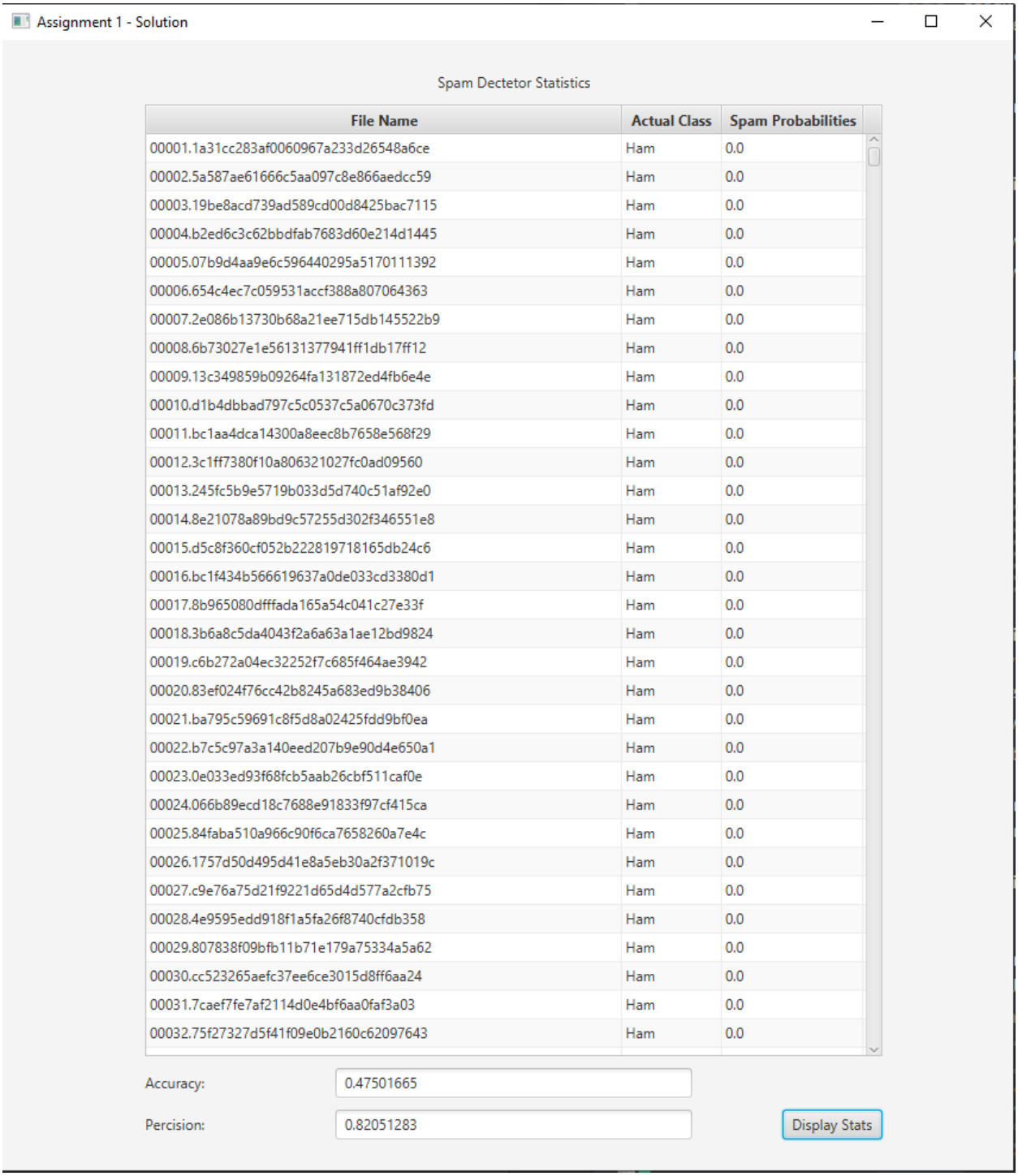
Project Information:

This project calculates the probability of a file being spam based on various calculations. These probabilities are then compared to actual Spam and Ham files, which allows us to calculate an accuracy and a precision for this project.

A screenshot of the project running can be found below:



The improvements that I made to the interface are:

1. I added a button which when clicked will call the getAccuracy() and getPrecision() commands and display them to the Accuracy and Precision text fields on the interface.

To Successfully run this process:

1. Open a command prompt window.
2. Navigate to a GIT monitored repository
3. Clone the Assignment 1 Repository by using the git clone command
4. Open IntelliJ or any other IDE
5. Navigate to the file that you just cloned.
6. Run the Main.java file.
7. When the file window appears, please navigate to the directory which contains two directories test and train in them and click the 'select folder' button.
8. Once this is completed a Window will appear with a table of statistics
9. To view accuracy and precision click the Display Stats button.

Github Repo:

https://github.com/NathanCabral/csci2020u_NathanCabral