Project 2 Development Log:

9/22/20 | 8:00am – Met in lab to discuss environment setup. Assisted each other in downloading necessary software to run the MySQL database in docker.

9/24/20 | 8:00am – Met once again to troubleshoot development environments. Moved on to Eclipse setup/experimentation in the MySQL Workbench.

9/24/20 | 12:00pm – Continued troubleshooting database connection errors. Some group members are struggling with connecting to the database via JDBC commands. Began researching MySQL queries to fulfill part 2 requirements.

9/26/20 | 4:00pm – Implemented jdb-show-all-primary-keys. Utilized Discord’s streaming to have one member type while the rest research and/or review code.

9/26/20 | 5:45pm – Implemented jdb-find-column. Learned how to use a loop with ResultSet’s metadata in order to print all columns of the result.

9/26/20 | 6:30pm – Created default case so that any SQL query can be passed through to the database via the Java code.

9/26/20 | 7:30pm – Wrapped up Saturday meeting. Pushed code to GitHub so all members could test queries during non-meeting times.

9/27/20 | 12:00pm – Implemented jdb-get-view. Attempted creating a jdb-create-view function for testing but can’t write to the database. Have to create all views in the workbench first.

9/27/20 | 1:00pm – Finished functionality of jdb-stat. Case makes use of Java lists to contain data from the database columns. Makes it much more straightforward to find the mean and median.

9/27/20 | 2:30pm – Implemented finding related tables by primary key.

9/27/20 | 3:00pm – Created a join function for two tables. Had to wait many minutes for the output.

9/27/20 | 3:20pm – Added custom commands for total city count, mode.

9/27/20 | 3:38pm – Calculated total number of customers.