README

Files

325design.sql
A SQL file that is designed to create (or drop existing) tables to hold information about the cafe.

325populate.sql
A SQL file that is designed to populate the tables by inserting values into them

325trigger.sql
A SQL file that creates and tests triggers regarding book quantity and price.

325show-contents.sql
A SQL file to display the contents of each table to the user in an aesthetically pleasing manner.

325queries.sql
A SQL file that displays 26 queries that show the versatility of the design. They range from but are not limited to displaying combined information of multiple tables and more complex queries regarding the prices of items or tickets.

325report1.sql
A SQL file that displays a month's weekly sales statistics, showing the most purchased items within a specified week.

325report2.sql
A SQL file that displays the spending habits of the cafe's patrons, as well as the most popular items for loyalty members and count of adopted cats depending on loyalty member status.

325report3.sql
A SQL file that displays statistics regarding the average funds raised for fundraisers based on variables such as the duration of the event, or ticket cost.

325report4.sql

A SQL file that displays the computations of the minimum, maximum, and average ticket price depending on the employee that is managing it.

325report5.sql
A SQL file that displays statistics such as the total number, the average age, oldest, youngest, and gender, of unadopted and adopted cats.

325report6.sql
A SQL file that displays the cats a volunteer cares for, and the volunteers an employee supervises.

Set Up & Usage
To start using the database, first run the 325design.sql file, followed by the 325populate.sql to insert values into the new tables. Next, run the 325trigger.sql file to create triggers regarding book quantity and price.

To see the example queries, run the 325queries.sql. Reports 1 through 6 may be run in any order after the initial setup that is listed in the previous paragraph.