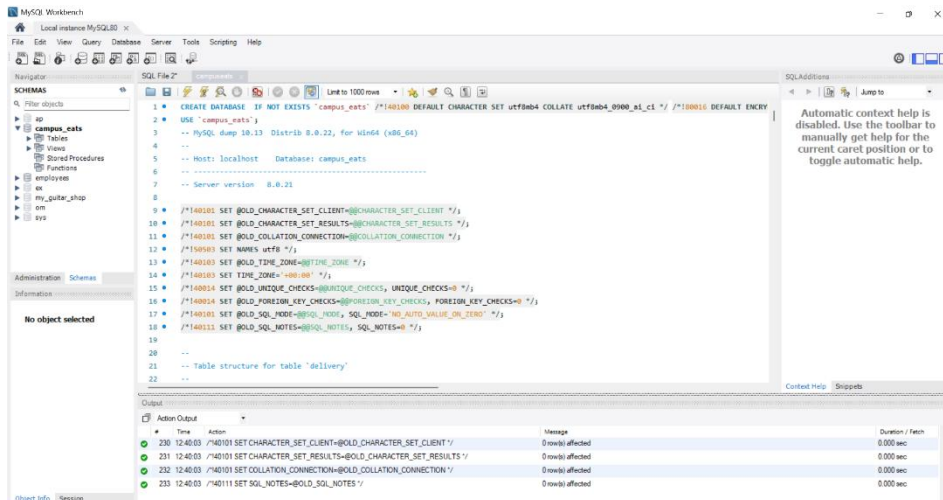


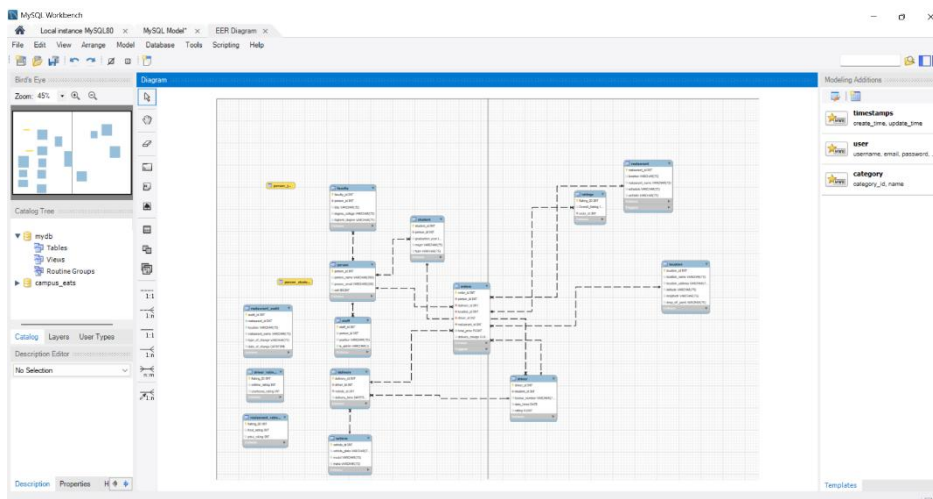
## Assignment 7: Stored Procedures with the CampusEats Database

Step 1: Use the script to create the database in MySQL Workbench. Remember to refresh your schemas after running the script.



Ran the `campuseats.sql` script to create the schema

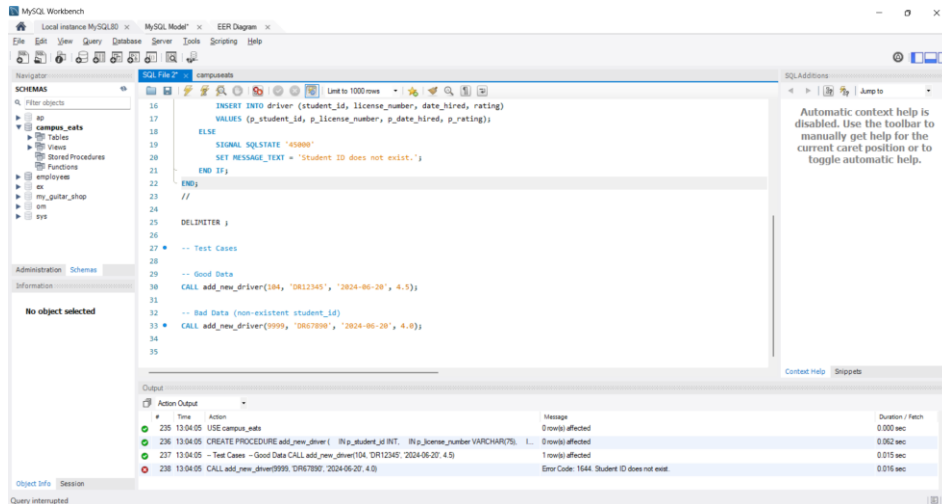
Step 2: After creating the database, reverse engineer to the entity relationship diagram: From the menu select: Database, reverse engineer, select Campus Eats database only.



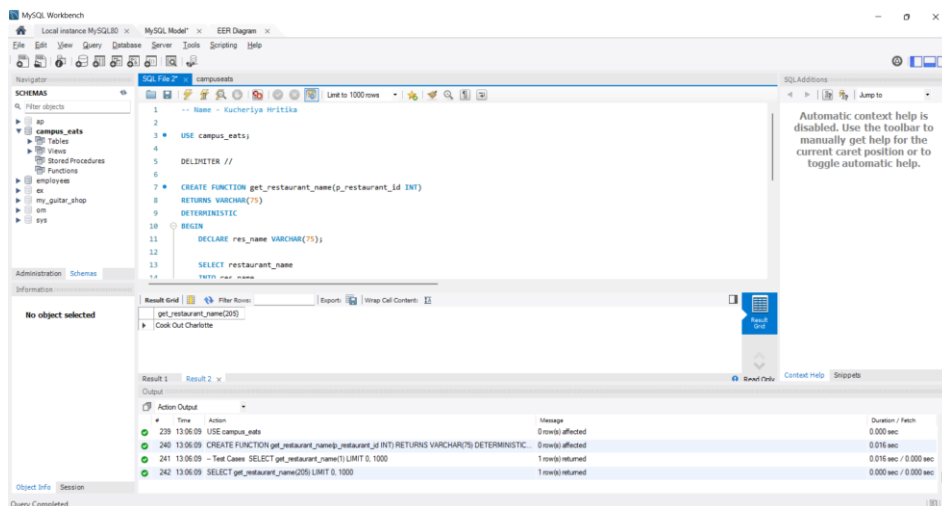
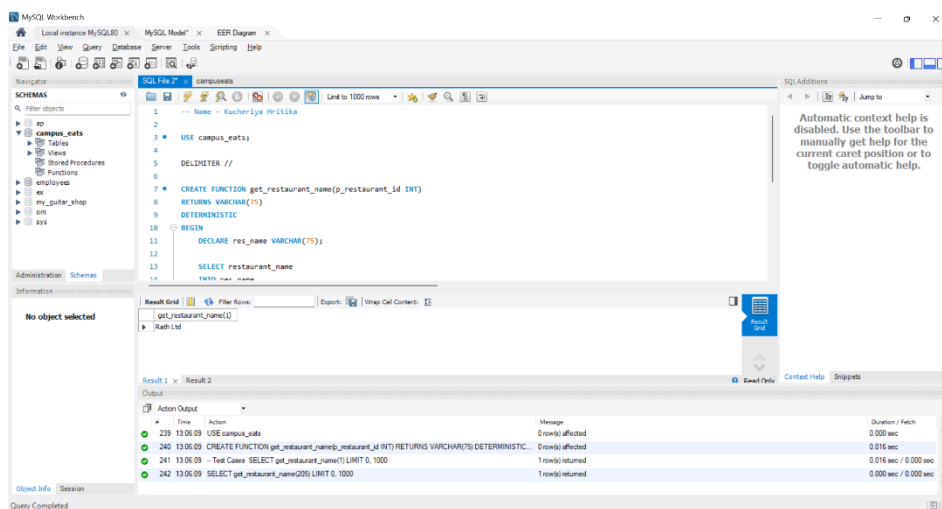
Post Reverse Engineer, we got the ER diagram for Campus Eats Database

B) Using the Campus Eats Database, create the following stored procedures or functions. Turn in screen shots showing the code and results in a PDF document, along with the SQL code.

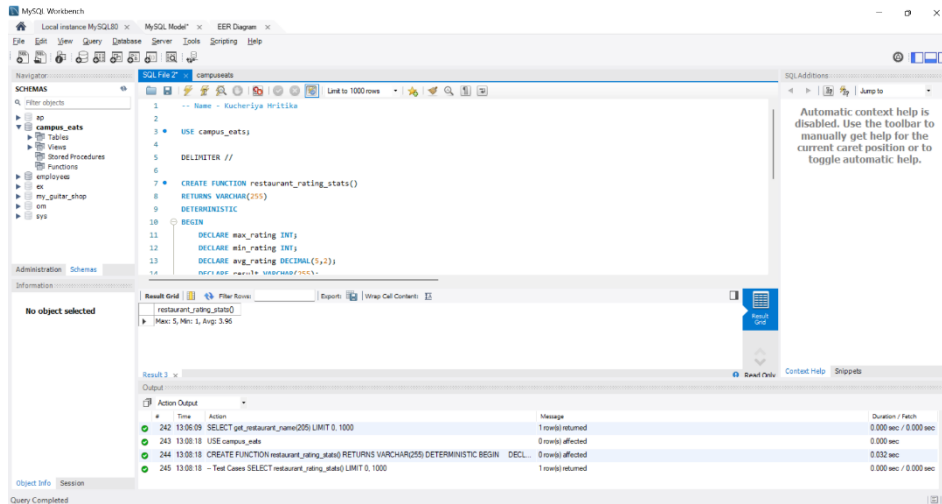
1) Using Murach script 15-05 as a guide, create a stored procedure or function that inserts a new row into the Driver table (consider other tables that may be involved). Test with good and bad data.



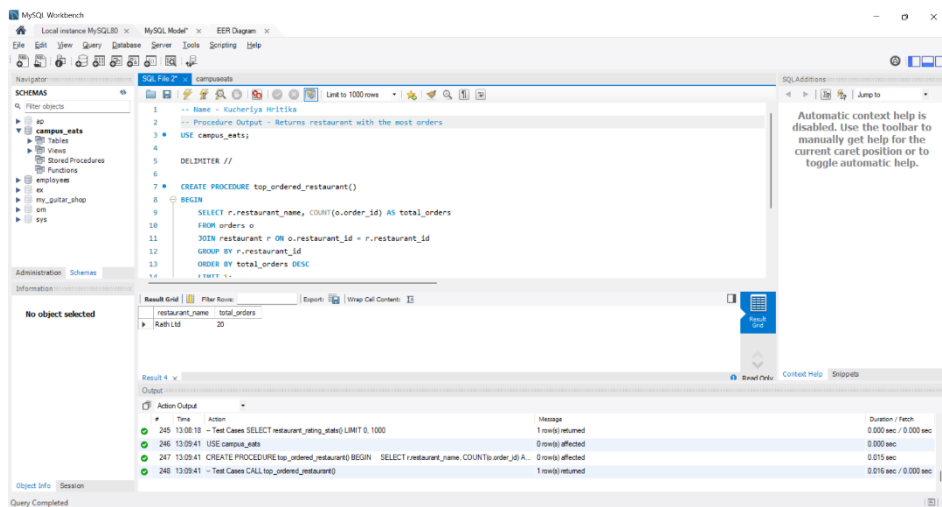
2) Using Murach script 15-09 as a guide, create a stored procedure or function that returns the Restaurant name given the Restaurant ID. Test the function.



3) Using Murach script 15-11 as a guide, create a stored procedure or a function that returns the max, min and avg ratings for Restaurants. Test the function. (You may need to add data to some of the tables in order for this to work)



4) Using AI as a guide, create a stored procedure or function of your choice. Document the stored procedure or function.



This procedure returns the restaurant with the most orders. It would return the Restaurant Name as well as the Total Orders for that Restaurant.