CAMPUS EATS PROJECT

INTRODUCTION TO DATABASE SYSTEMS: DR. THOMPSON

TONY
SHANIQUA
PEARCE

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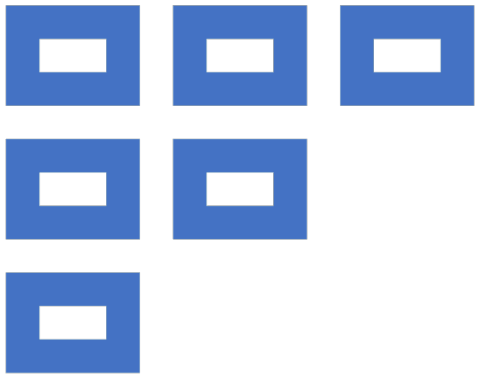

THE FOCUS OF THE PROJECT IS ON THE CORRECT DESIGN AND DEVELOPMENT OF A DATABASE USING MYSQL

CAMPUS MEMBERS ORDER FOOD AND VIEW RATINGS

DRIVERS: STUDENTS APPROVED TO DRIVE, VIEW THEIR DRIVE RATINGS

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RESTAURANTS: GET APPROVED TO JOIN THE SYSTEM

TOP 3 REASONS
why our clients
CHOOSE US

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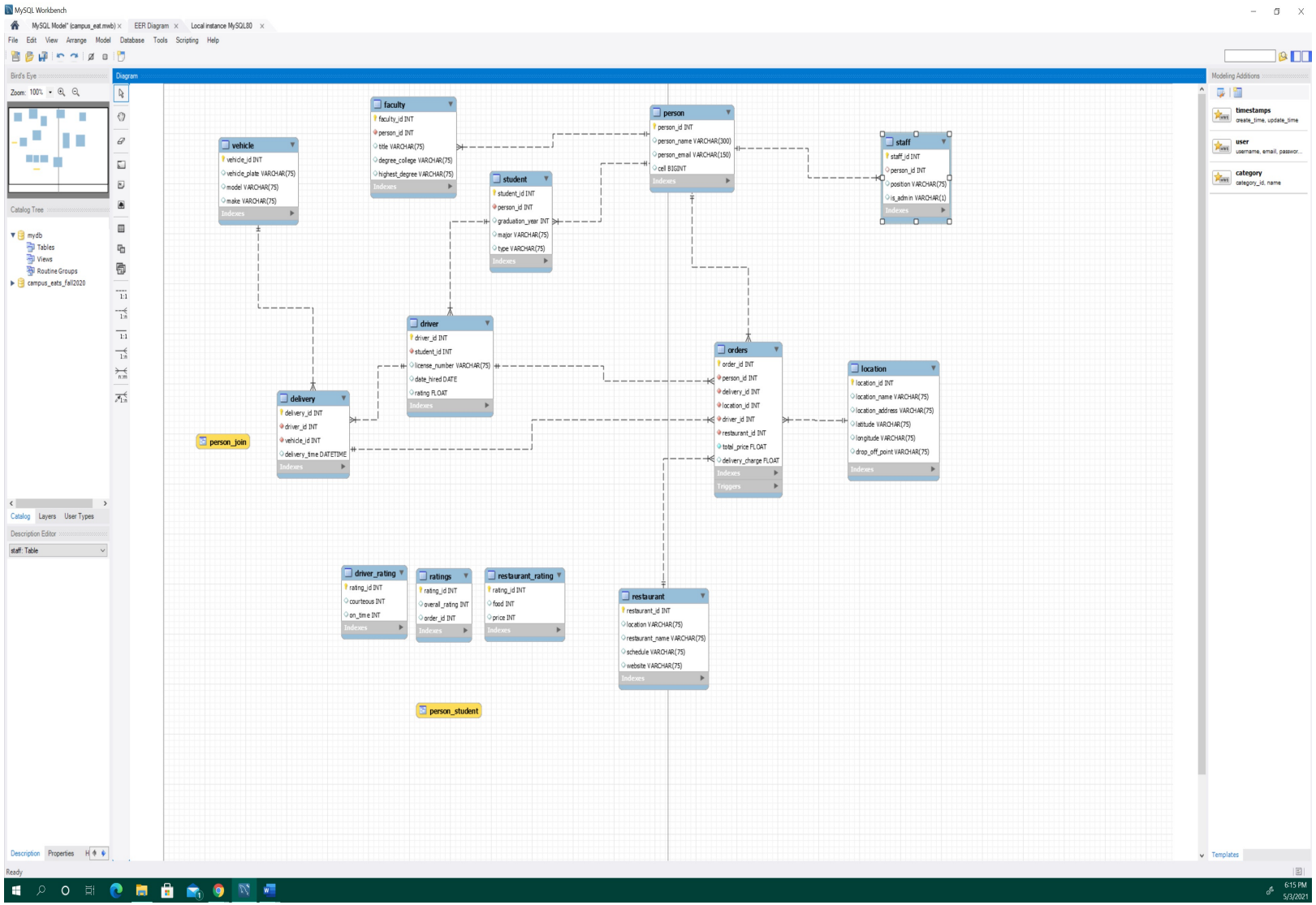
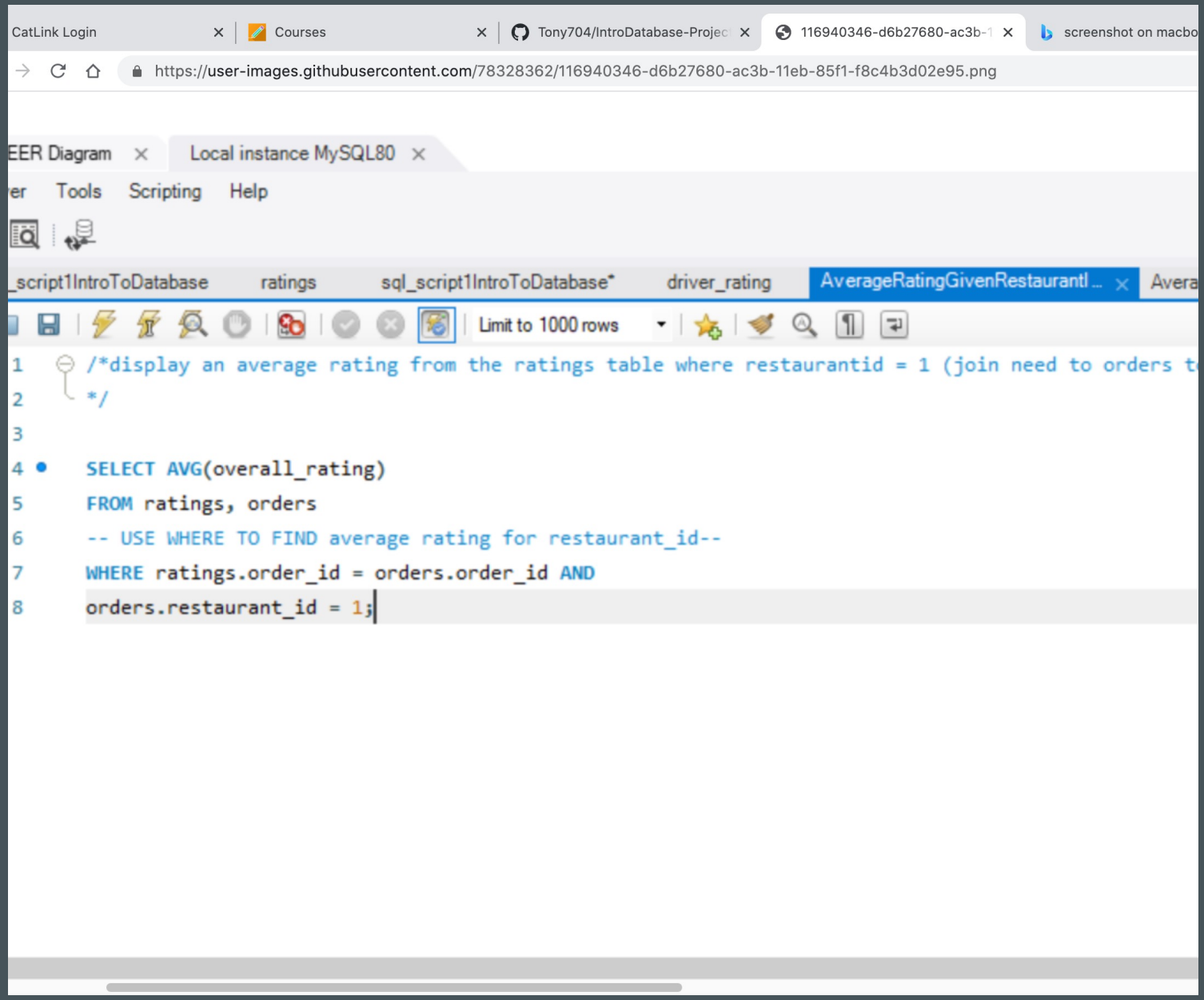
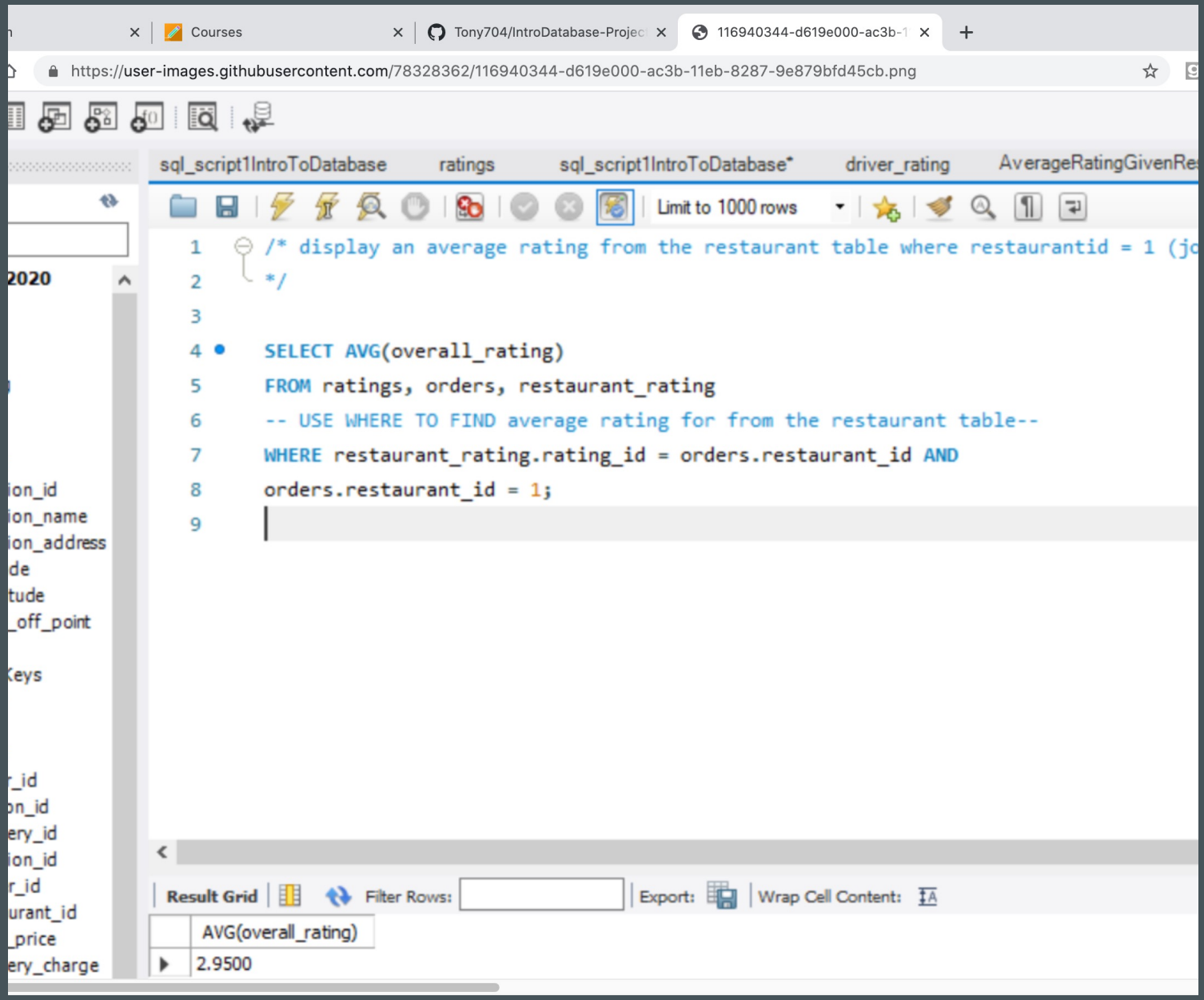


HERE IS A PICTURE OF THE ENHANCED ENTITY DIAGRAM THAT WE USED TO CREATE THE DATABASE

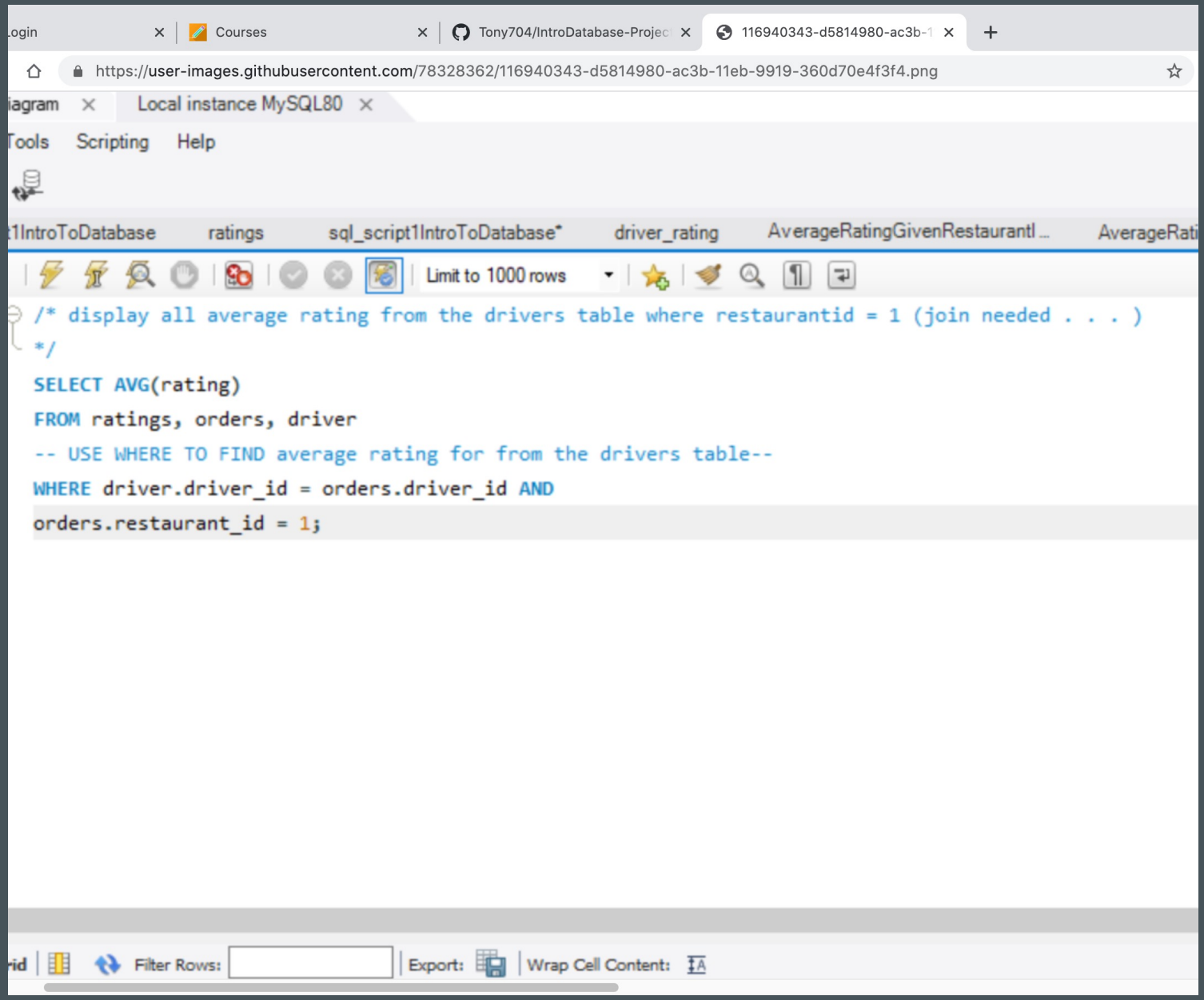
WE USED MY SQL TO CREATE QUERIES:



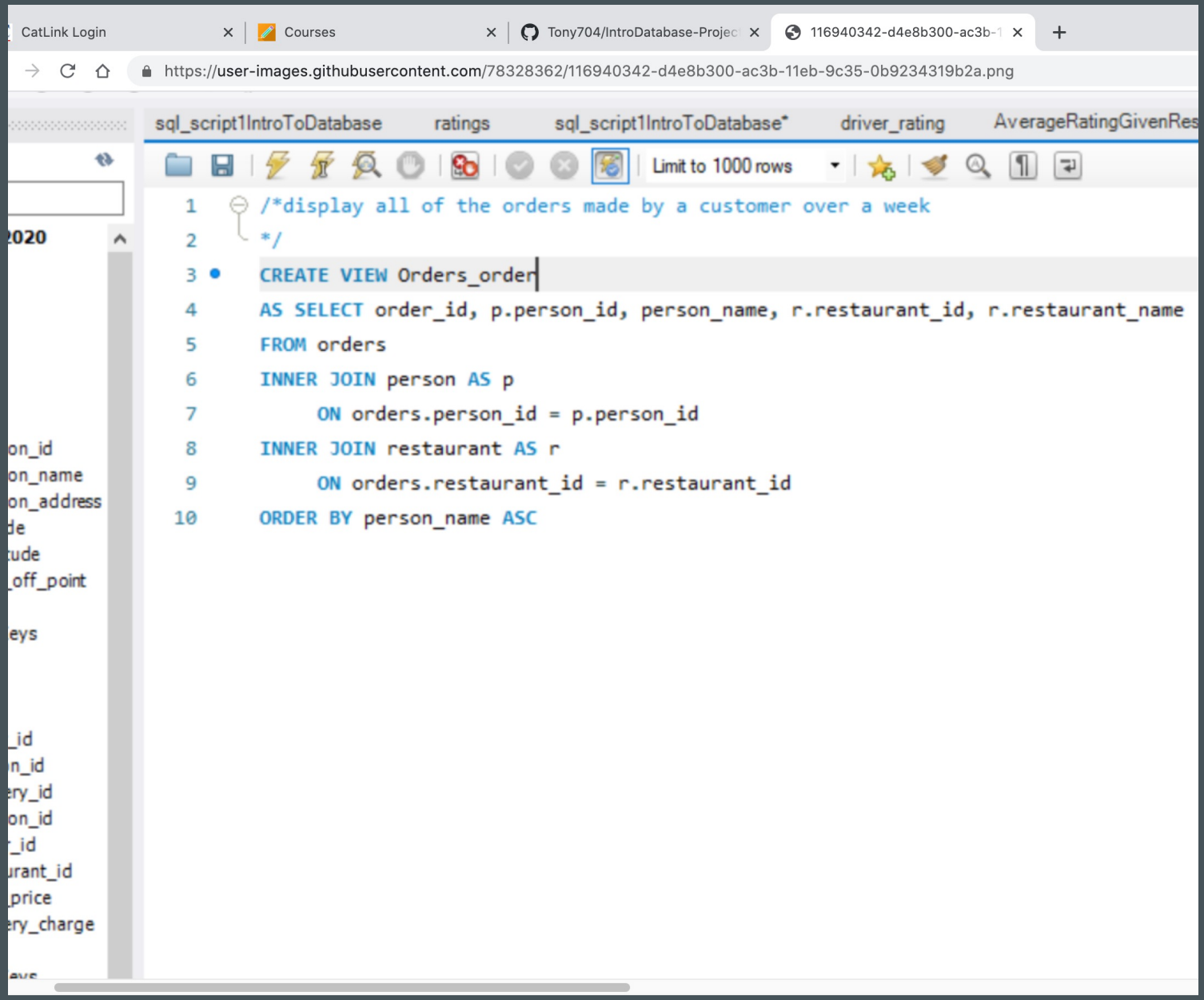
QUERIES CONT.



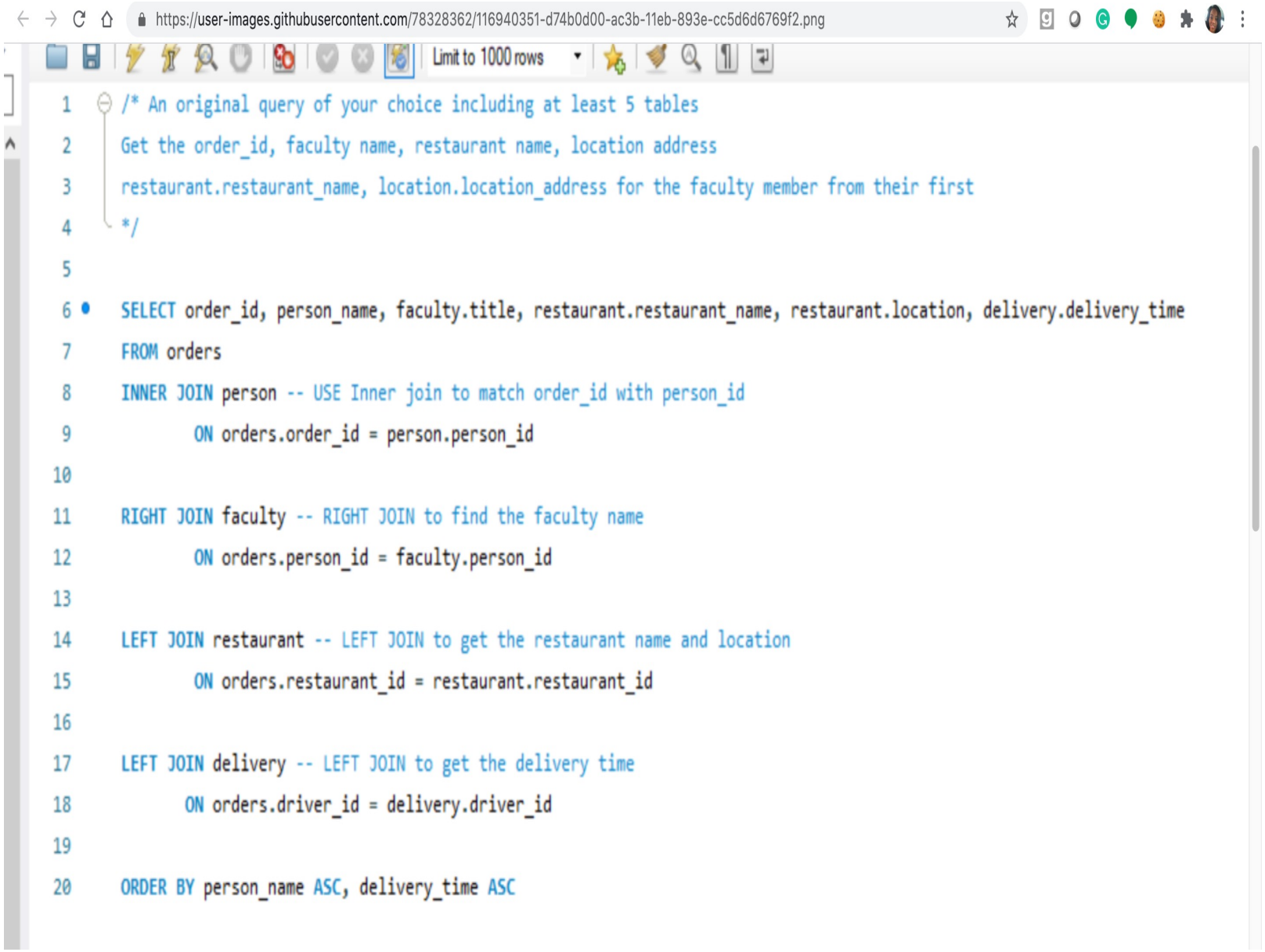
QUERIES


Courses
https://user-images.githubusercontent.com/78328362/116940343-d5814980-ac3b-11eb-9919-360d70e4f3f4.png
Local instance MySQL80
Tools
Scripting
Help
ratings
sql_script1IntroToDatabase*
driver_rating
Limit to 1000 rows
/* display all average rating from the drivers table where restaurantid = 1 (join needed . . .)
*/
SELECT AVG(rating)
FROM ratings, orders, driver
-- USE WHERE TO FIND average rating for from the drivers table--
WHERE driver.driver_id = orders.driver_id AND
orders.restaurant_id = 1;
Filter Rows:
Export:
Wrap Cell Content:

QUERIES


CatLink Login
Courses
Tony704/IntroDatabase-Projec
116940342-d4e8b300-ac3b-1
https://user-images.githubusercontent.com/78328362/116940342-d4e8b300-ac3b-11eb-9c35-0b9234319b2a.png
sql_script1IntroToDatabase
ratings
sql_script1IntroToDatabase*
driver_rating
AverageRatingGivenRes
Limit to 1000 rows
1 /*display all of the orders made by a customer over a week
2 */
3 CREATE VIEW Orders_order
4 AS SELECT order_id, p.person_id, person_name, r.restaurant_id, r.restaurant_name
5 FROM orders
6 INNER JOIN person AS p
7 ON orders.person_id = p.person_id
8 INNER JOIN restaurant AS r
9 ON orders.restaurant_id = r.restaurant_id
10 ORDER BY person_name ASC

QUERIES


https://user-images.githubusercontent.com/78328362/116940351-d74b0d00-ac3b-11eb-893e-cc5d6d6769f2.png
Limit to 1000 rows
/* An original query of your choice including at least 5 tables
Get the order_id, faculty name, restaurant name, location address
restaurant.restaurant_name, location.location_address for the faculty member from their first
*/
SELECT order_id, person_name, faculty.title, restaurant.restaurant_name, restaurant.location, delivery.delivery_time
FROM orders
INNER JOIN person -- USE Inner join to match order_id with person_id
ON orders.order_id = person.person_id
RIGHT JOIN faculty -- RIGHT JOIN to find the faculty name
ON orders.person_id = faculty.person_id
LEFT JOIN restaurant -- LEFT JOIN to get the restaurant name and location
ON orders.restaurant_id = restaurant.restaurant_id
LEFT JOIN delivery -- LEFT JOIN to get the delivery time
ON orders.driver_id = delivery.driver_id
ORDER BY person_name ASC, delivery_time ASC