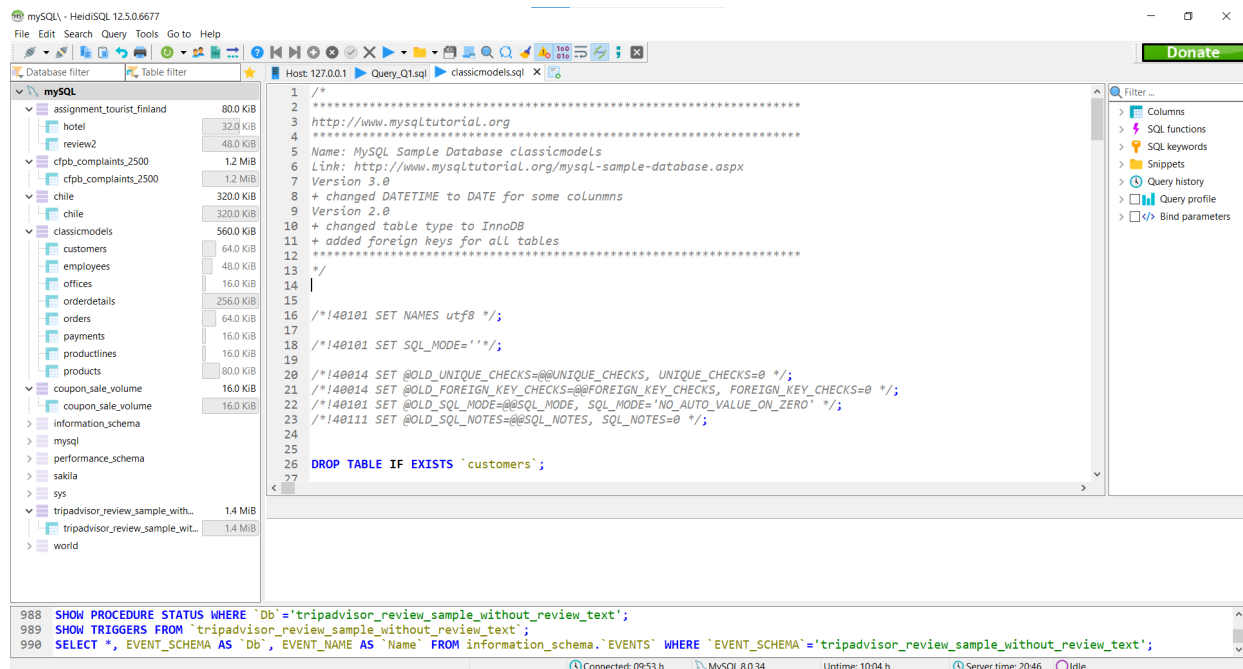


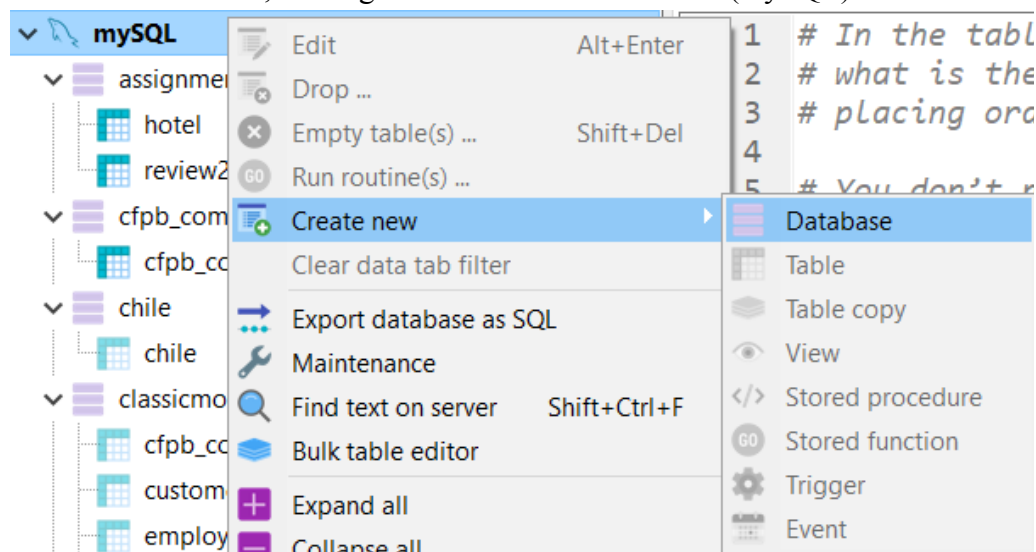
This is the full setup environment for Big Assignment



Load 5 databases by running the SQL files provided by MyCourse. These databases are:

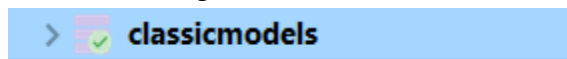
- classicmodels (Q1, Q2, Q3)
- cfpb_complaints_2500 (Q4, Q5, Q7)
- chile (Q6)
- tripadvisor_review_sample_without_reviewtext (Q8)
- coupon_sale_volume (Q9)
- assignment_tourist_Finland (Q10)

To create a database, first right click on the server name (mysql) > click Create new > Database

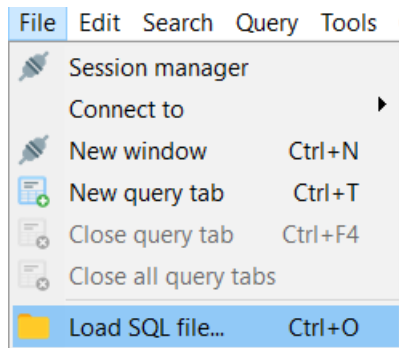


Then give the database name like the SQL file (such as classicmodels)

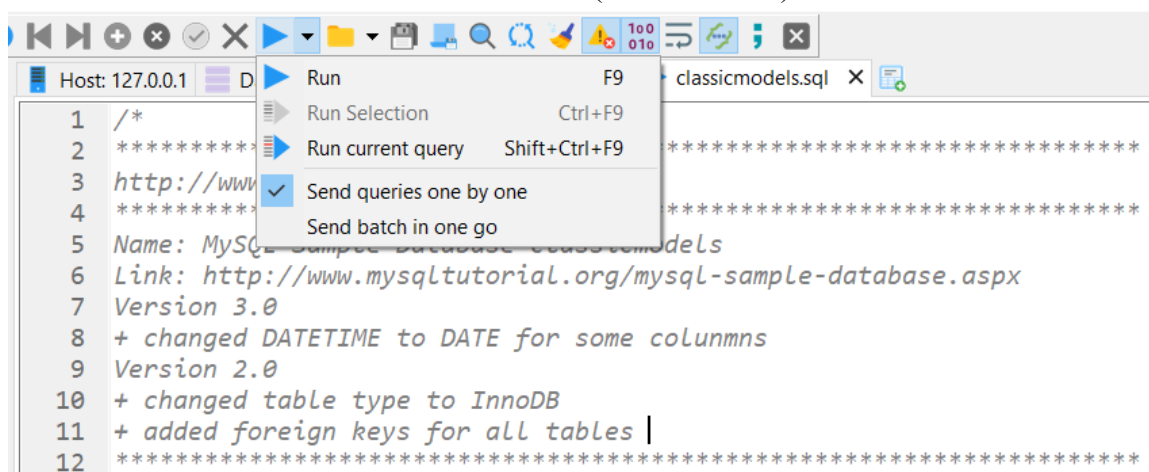
Then after creation, single click on it to activate the database. This ensures that when we run the SQL to populate the tables, the correct database is chosen to contain those tables. Current active database has a green mark next to it, and exactly one database must be active at any time



Then we load the classicmodels SQL file



and run it to create the tables for the database (classicmodels)



After running, the classicmodels database is filled with various tables

classicmodels		560.0 KiB
customers		64.0 KiB
employees		48.0 KiB
offices		16.0 KiB
orderdetails		256.0 KiB
orders		64.0 KiB
payments		16.0 KiB
productlines		16.0 KiB
products		80.0 KiB

When you work on a question related to a database, you need to click on that database to activate it as the current database, or else it will report an error when you run a query (such as no existing tables), or to avoid overriding tables. It is best to keep all related tables under one single database. If a table is not related to the database, don't add it to the database

For example, if you work on Q6, you need to activate the chile database

The screenshot shows a MySQL database management interface. On the left, a tree view lists databases under the 'mysql' instance. The 'chile' database is selected and highlighted in blue. Other databases listed include assignment_tourist_finland, cfpb_complaints_2500, classicmodels, coupon_sale_volume, information_schema, mysql, performance_schema, sakila, sys, tripadvisor_review_sample_with..., and world. The 'chile' database size is 320.0 KiB. On the right, a SQL query is displayed in a text area. The query is a SELECT statement that filters data based on income levels and calculates the mean statusquo. The query is as follows:

```
1 # In the Chile database, Let's assume that an income less than 10,000
2 # 10,000 and 100,000 is a middle income; an income higher than 100,000
3 # know whether the income level and the statusquo have a certain relat
4 # to Pinochet. To answer this question, you need to provide the averag
5
6 # [Please carefully read the question so that you will not miss any im
7 # Please provide three digits after the decimal point in the results]
8
9 # Suggestion: you may need to update the table by adding a new column
10
11 # Income level      Mean statusquo
12 # High_income      1.077
13 # Middle_income     0.927
14 # Low_income        0.937
15
16 #SELECT
17 # ID,
18 # CASE
19 #     WHEN income < 10000 THEN 'Low_income'
20 #     WHEN income BETWEEN 10000 AND 100000 THEN 'Middle_income'
21 #     ELSE 'High_income'
22 # END as income_level
23 #FROM
24 # chile;
```