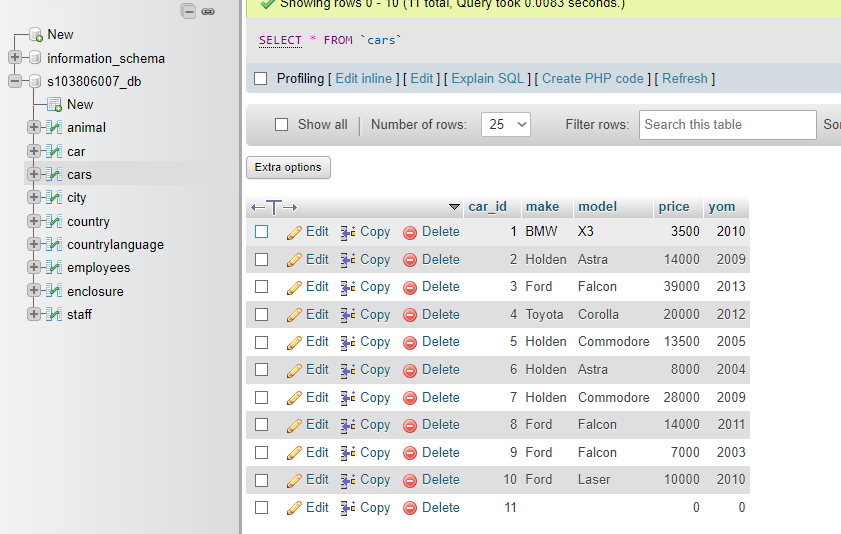
Student Name: Nguyen Anh Vu

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Lab 07

Task 1: Create a new table cars used for a car dealership



Query used:

CREATE TABLE cars (

car\_id int(11) NOT NULL AUTO\_INCREMENT,

make varchar(25),

model varchar(40),

price float,

yom int(11),

PRIMARY KEY (car\_id)

);

To insert into table we use query:

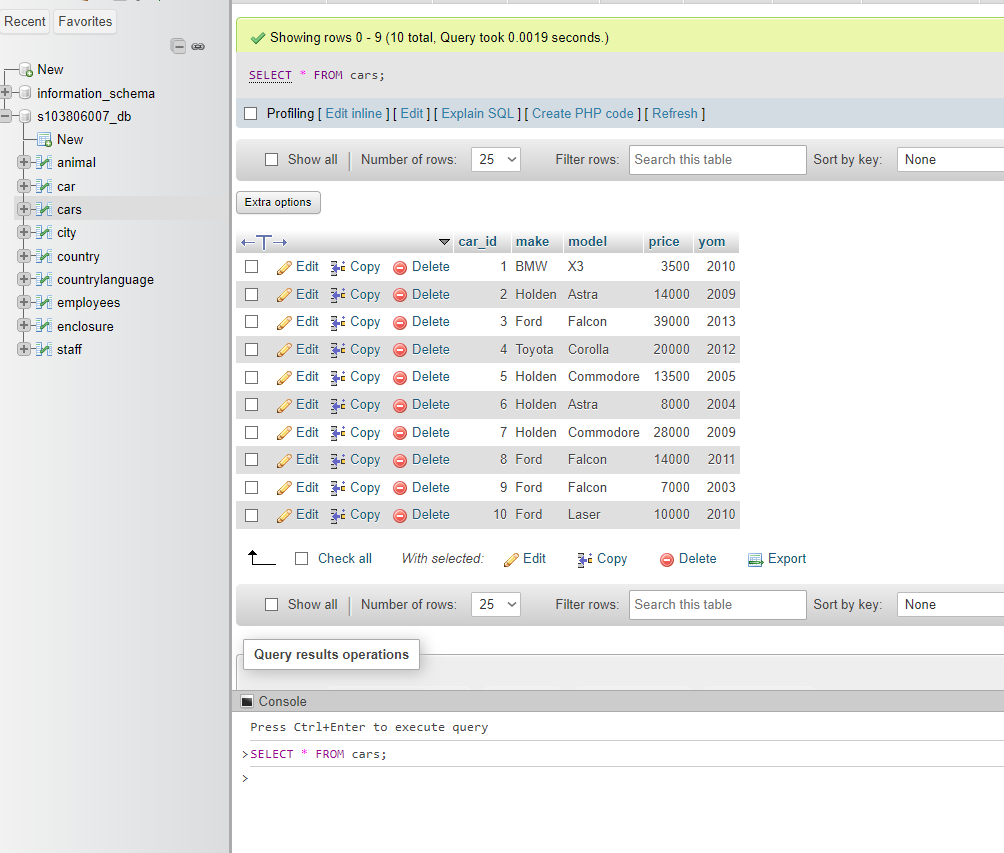
INSERT INTO cars (car\_id, make, model, price, yom) VALUES

(NULL, ‘BMW’, ‘X3’, ‘3500’, ‘2010’);

Task 2: Querying the table

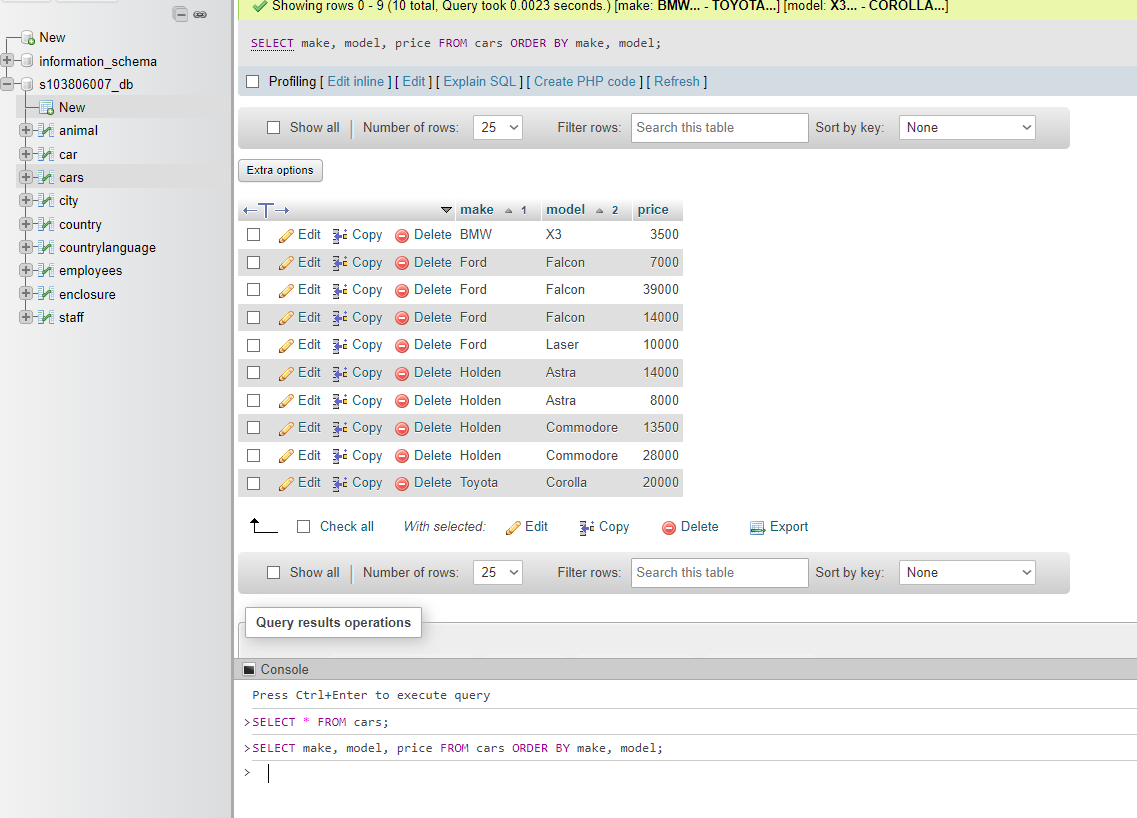
1. Return all record

Query: “SELECT \* FROM cars;”



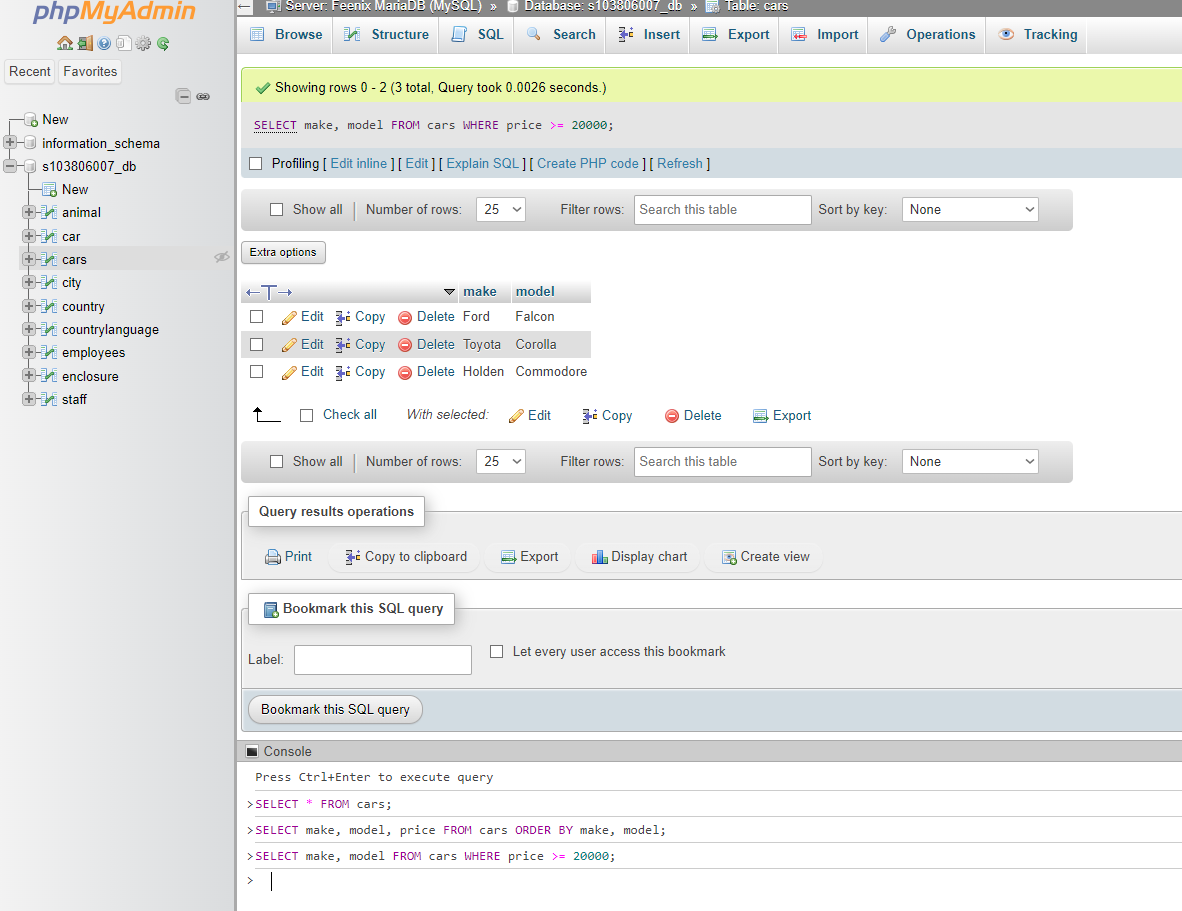
1. Make, model, and price, sorted by make and model

Query: “SELECT make, model, price FROM cars ORDER BY make, model;”



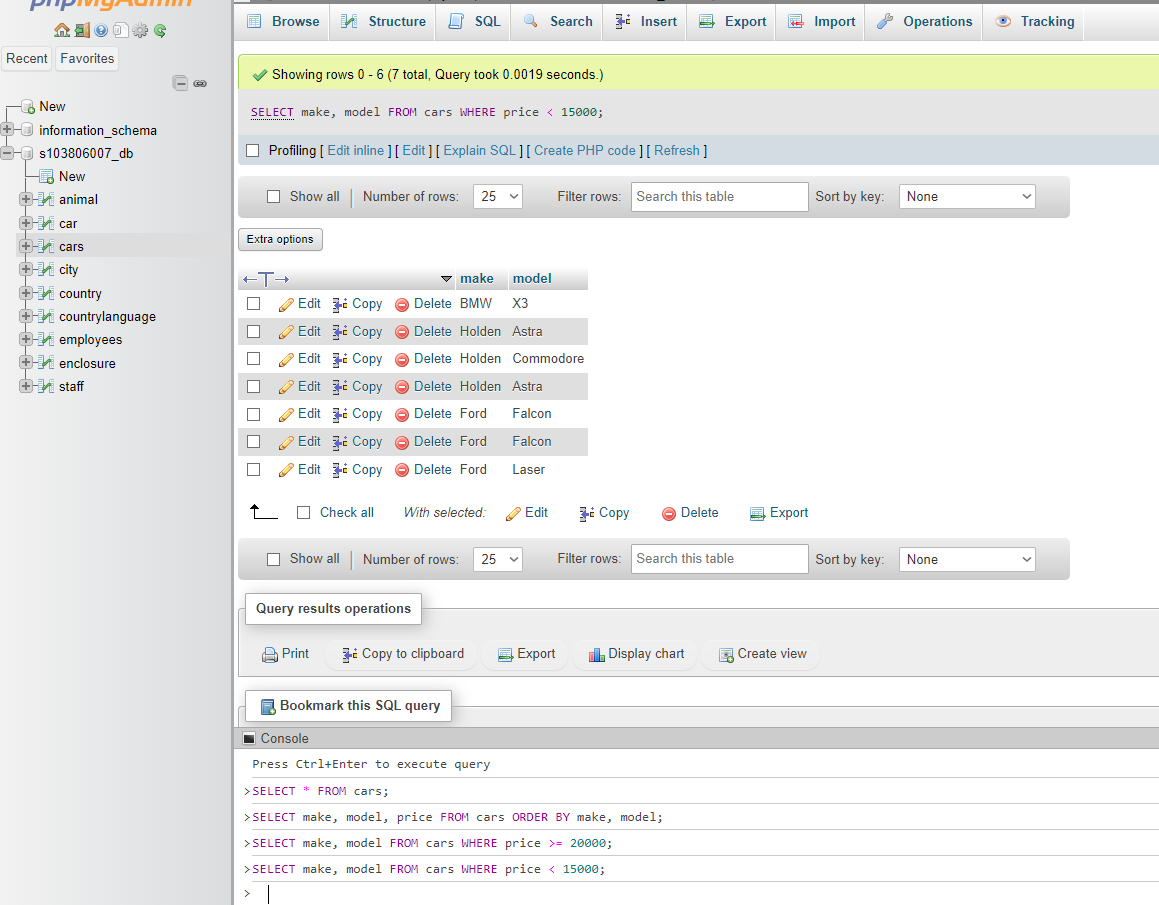
1. The make and model of the cars which cost $20,000.00 or more

Query: “SELECT make, model FROM cars WHERE price >= 20000;”



1. The make and model of the cars which cost below $15,000.00

Query: “SELECT make, model FROM cars WHERE price < 15000;”



1. The average prices of cars for similar make

Query: “SELECT make,AVG(price) AS AveragePrice FROM cars GROUP BY make;”

