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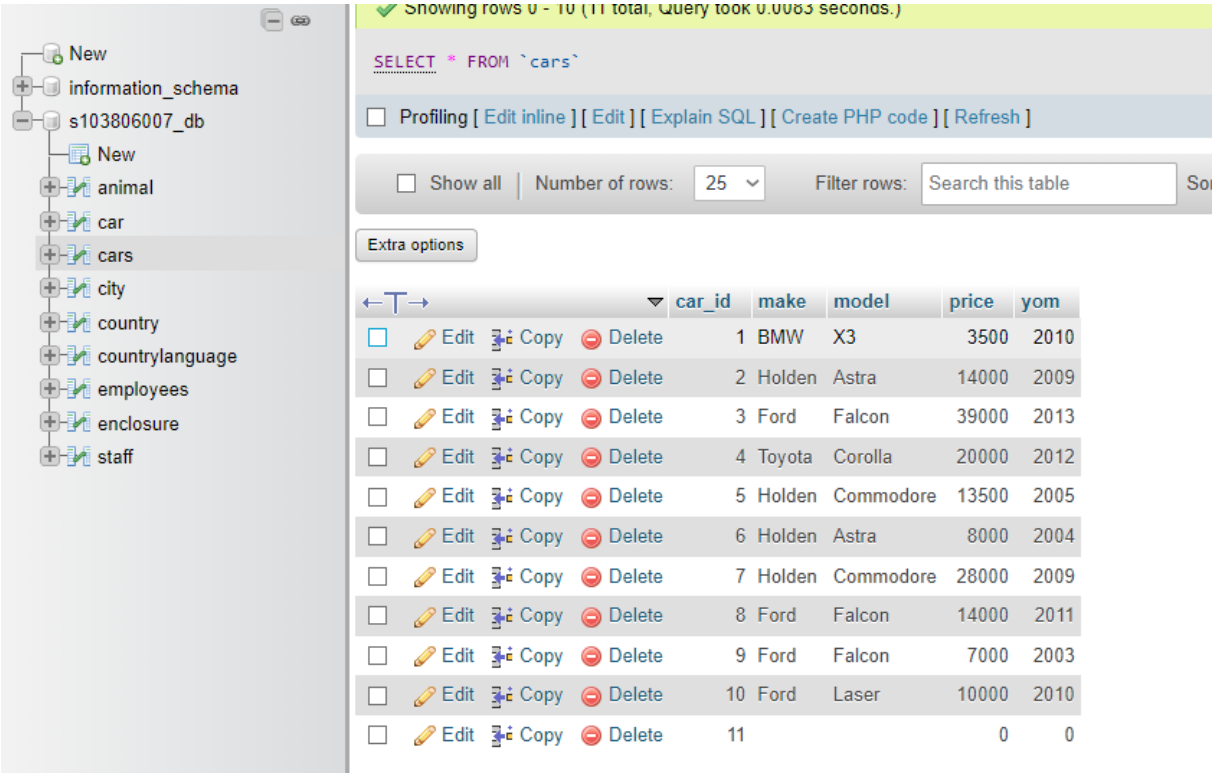
Lab 07

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;”

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

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

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

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

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

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

5. The average prices of cars for similar make

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