

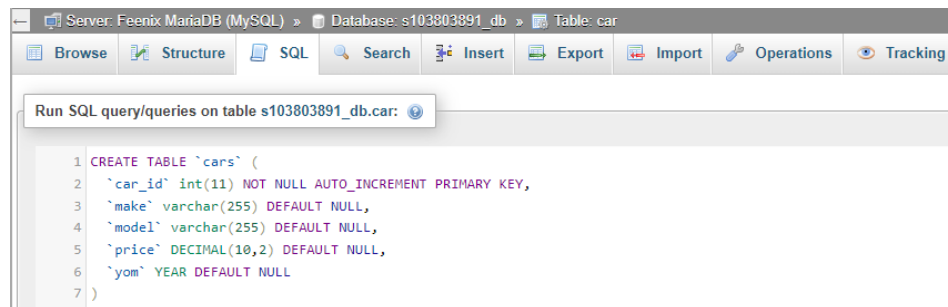
COS30020: Advanced Web Development

Lab 07

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Task 1: Creating a table and entering data



Creating table 'cars' with given fields.

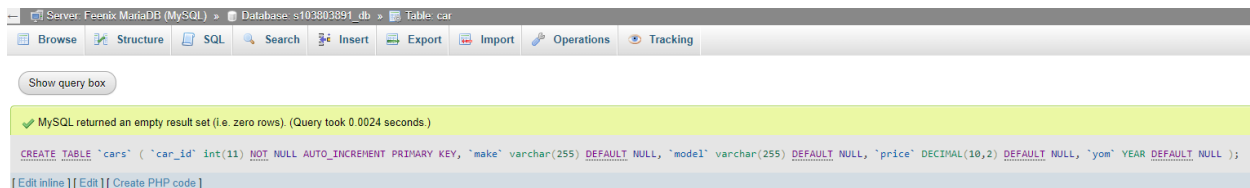
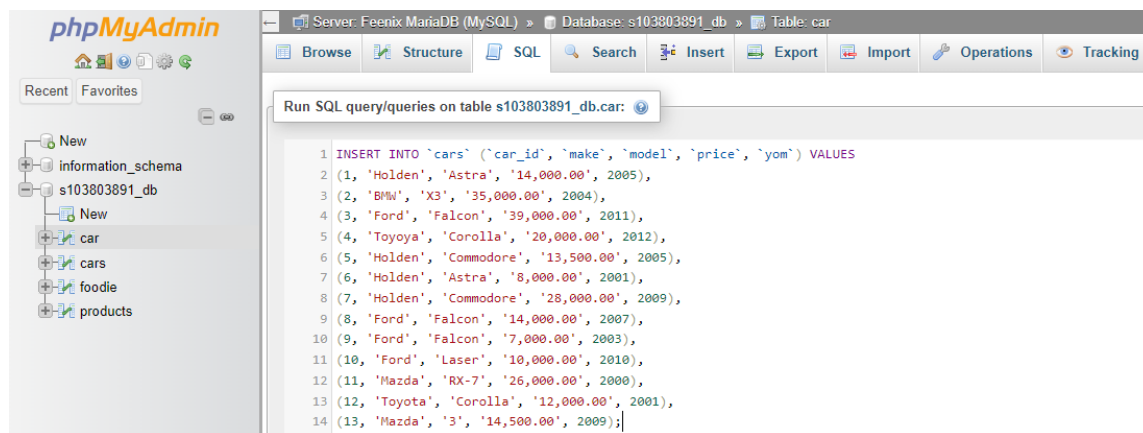


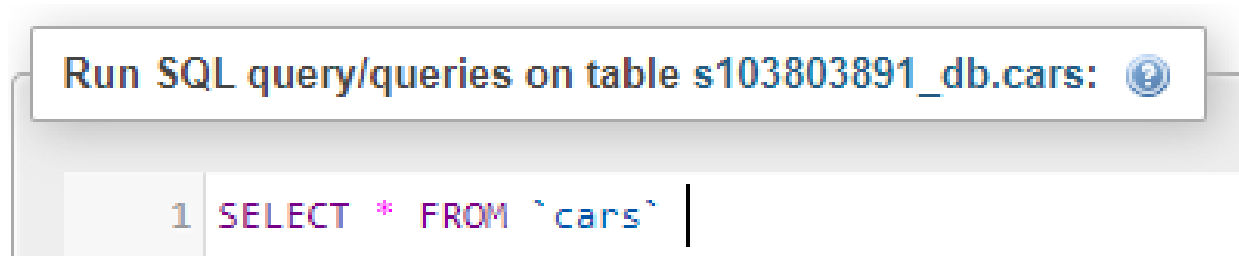
Table 'cars' created.



Inserting data records into 'cars'.

Task 2: Querying the table

1) All records:



SQL commands that display all records.

Server: Feenix MariaDB (MySQL) » Database: s103803891_db » Table: cars

Showing rows 0 - 12 (13 total, Query took 0.0023 seconds.)

`SELECT * FROM `cars`;`

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

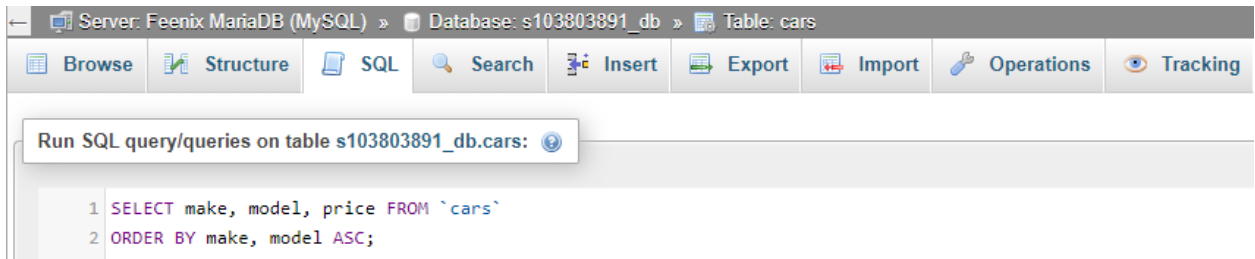
☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	car_id	make	model	price	yom
<input type="checkbox"/> Edit Copy Delete	1	Holden	Astra	14000.00	2005
<input type="checkbox"/> Edit Copy Delete	2	BMW	X3	35000.00	2004
<input type="checkbox"/> Edit Copy Delete	3	Ford	Falcon	39000.00	2011
<input type="checkbox"/> Edit Copy Delete	4	Toyoya	Corolla	20000.00	2012
<input type="checkbox"/> Edit Copy Delete	5	Holden	Commodore	13000.00	2005
<input type="checkbox"/> Edit Copy Delete	6	Holden	Astra	8000.00	2001
<input type="checkbox"/> Edit Copy Delete	7	Holden	Commodore	28000.00	2009
<input type="checkbox"/> Edit Copy Delete	8	Ford	Falcon	14000.00	2007
<input type="checkbox"/> Edit Copy Delete	9	Ford	Falcon	7000.00	2003
<input type="checkbox"/> Edit Copy Delete	10	Ford	Laser	10000.00	2010
<input type="checkbox"/> Edit Copy Delete	11	Mazda	RX-7	26000.00	2000
<input type="checkbox"/> Edit Copy Delete	12	Toyota	Corolla	12000.00	2001
<input type="checkbox"/> Edit Copy Delete	13	Mazda	3	14000.00	2009

Displaying all records.

2) Make, model and price, sorted by make and model:

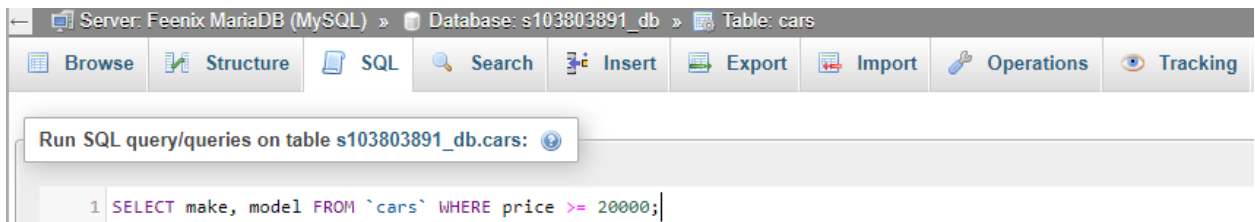


SQL commands that display make, model and price, sorted by make and model.

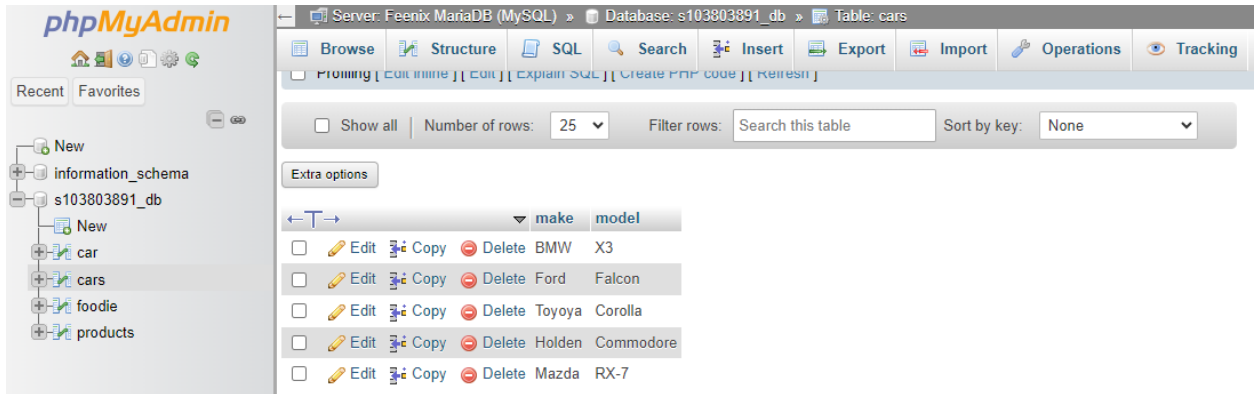
	make	model	price
<input type="checkbox"/> Edit Copy Delete	BMW	X3	35000.00
<input type="checkbox"/> Edit Copy Delete	Ford	Falcon	39000.00
<input type="checkbox"/> Edit Copy Delete	Ford	Falcon	14000.00
<input type="checkbox"/> Edit Copy Delete	Ford	Falcon	7000.00
<input type="checkbox"/> Edit Copy Delete	Ford	Laser	10000.00
<input type="checkbox"/> Edit Copy Delete	Holden	Astra	14000.00
<input type="checkbox"/> Edit Copy Delete	Holden	Astra	8000.00
<input type="checkbox"/> Edit Copy Delete	Holden	Commodore	13000.00
<input type="checkbox"/> Edit Copy Delete	Holden	Commodore	28000.00
<input type="checkbox"/> Edit Copy Delete	Mazda	3	14000.00
<input type="checkbox"/> Edit Copy Delete	Mazda	RX-7	26000.00
<input type="checkbox"/> Edit Copy Delete	Toyota	Corolla	12000.00
<input type="checkbox"/> Edit Copy Delete	Toyoya	Corolla	20000.00

Displaying make, model and price, sorted by make and model.

3) The make and model of the cars which costs \$20,000.00 or more:

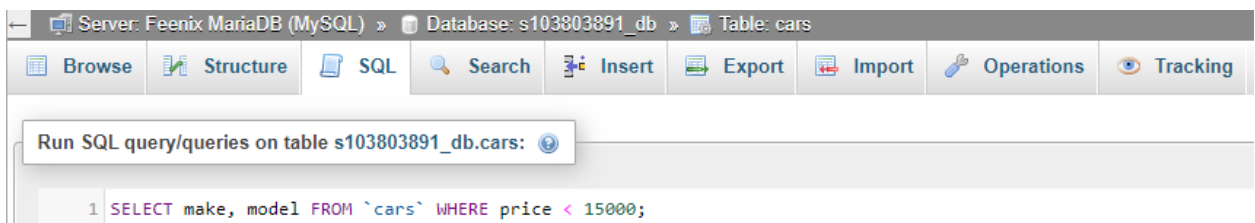


SQL commands that display make, model of the cars which cost \$20,000.00 or more.

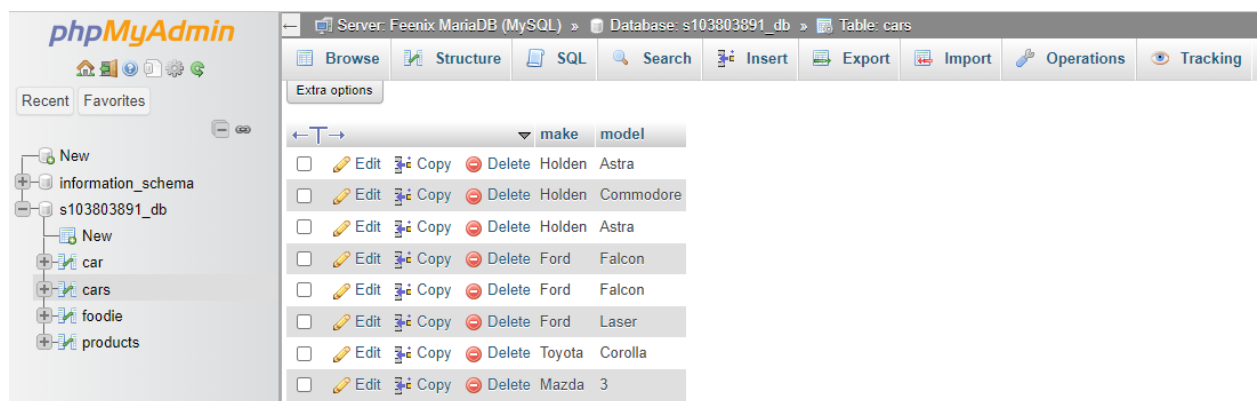


Displaying make, model of the cars which cost \$20,000.00 or more.

4) The make and model of the cars which costs below \$15,000.00:

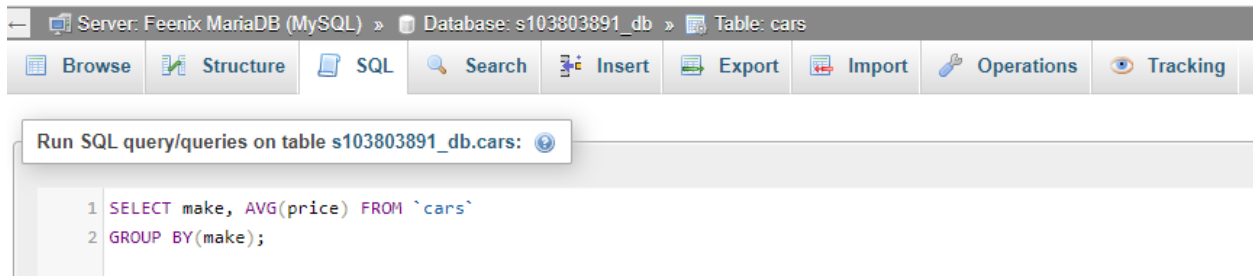


SQL commands that display make, model of the cars which cost below \$15,000.00

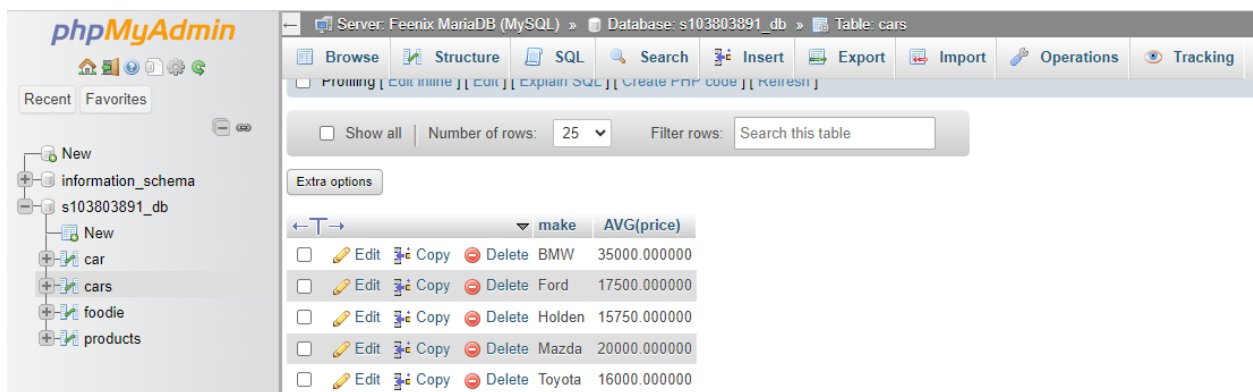


Displaying make, model of the cars which cost below \$15,000.00

5) The average price of cars for similar make:



SQL commands that display average price of cars for similar make.



Displaying average price of cars for similar make.