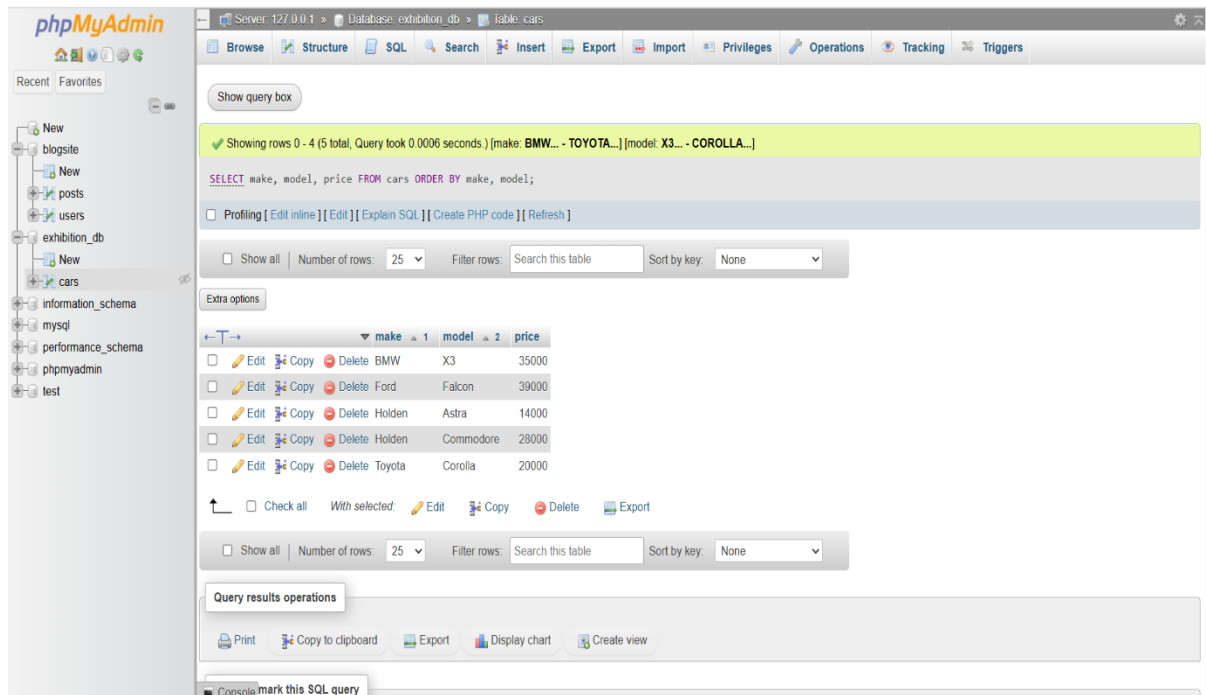


## Lab 07

### Task 4:

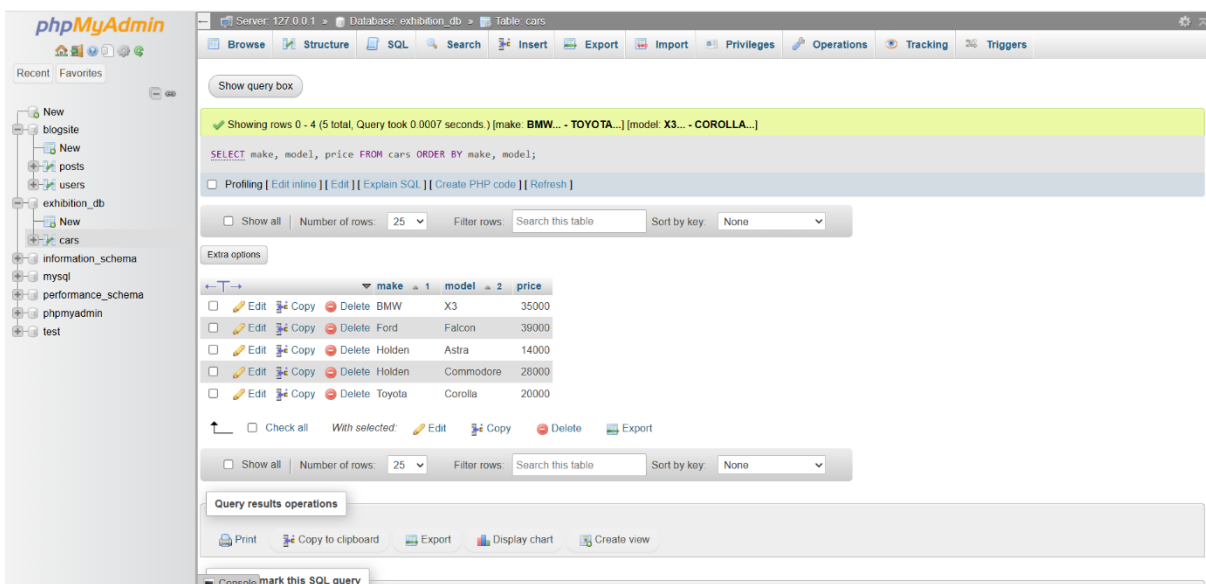
1) `SELECT * FROM cars;`



The screenshot shows the phpMyAdmin interface with the 'cars' table selected. The query 'SELECT \* FROM cars;' has been executed, displaying 5 rows of data. The table has columns 'make', 'model', and 'price'. The results are sorted by 'make' and then 'model'.

make	model	price
BMW	X3	35000
Ford	Falcon	39000
Holden	Astra	14000
Holden	Commodore	28000
Toyota	Corolla	20000

2) `SELECT make, model, price FROM cars ORDER BY make, model; // ORDERBY means sort`



The screenshot shows the phpMyAdmin interface with the 'cars' table selected. The query 'SELECT make, model, price FROM cars ORDER BY make, model;' has been executed, displaying 5 rows of data. The table has columns 'make', 'model', and 'price'. The results are sorted by 'make' and then 'model'.

make	model	price
BMW	X3	35000
Ford	Falcon	39000
Holden	Astra	14000
Holden	Commodore	28000
Toyota	Corolla	20000

3) SELECT make, model FROM cars WHERE price >= 20000;

The screenshot shows the phpMyAdmin interface with the 'cars' table selected in the 'exhibition\_db' database. The SQL query entered is `SELECT make, model FROM cars WHERE price >= 20000;`. The results show 4 rows of data:

make	model
BMW	X3
Ford	Falcon
Toyota	Corolla
Holden	Commodore

4) SELECT make, AVG(price) FROM cars GROUP BY make;

The screenshot shows the phpMyAdmin interface with the 'cars' table selected in the 'exhibition\_db' database. The SQL query entered is `SELECT make, AVG(price) FROM cars GROUP BY make;`. The results show 4 rows of data:

make	AVG(price)
BMW	35000
Ford	39000
Holden	21000
Toyota	20000

5) SELECT make, model FROM cars WHERE price < 15000 AND price > 10000;

The screenshot displays the phpMyAdmin web interface. On the left sidebar, the database structure is visible, including 'exhibition\_db' and its tables 'cars', 'information\_schema', 'mysql', 'performance\_schema', 'phpmyadmin', and 'test'. The main panel shows the 'cars' table selected. At the top, a navigation bar includes links for 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'. Below this, a 'Show query box' button is present. The query execution status is shown as 'Showing rows 0 - 0 (1 total, Query took 0.0005 seconds)'. The SQL query entered is 'SELECT make, model FROM cars WHERE price < 15000 AND price > 10000;'. Below the query, there are links for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A table view is shown with columns 'make' and 'model'. The table is currently empty, with 'Number of rows: 25' and a 'Filter rows' search box. Below the table, there are 'Query results operations' including 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. At the bottom, there is a 'Bookmark this SQL query' section with a 'Label' input field and a checkbox 'Let every user access this bookmark'.