

PHP ASSIGNMENT

TOPIC – SQL TASK 2

TABLE – SALES PERSON

The screenshot shows the phpMyAdmin interface for the 'salesperson' table in the 'sqltask2' database. The table has 5 columns: SNO, SNAME, CITY, and COMM. The data is as follows:

SNO	SNAME	CITY	COMM
1001	PEEL	LONDON	0.12
1002	SERRES	SAN JOSE	0.13
1003	AXELROD	NEW YORK	0.1
1004	MOTIKA	LONDON	0.11
1005	RAFKIN	BARCELONA	0.15

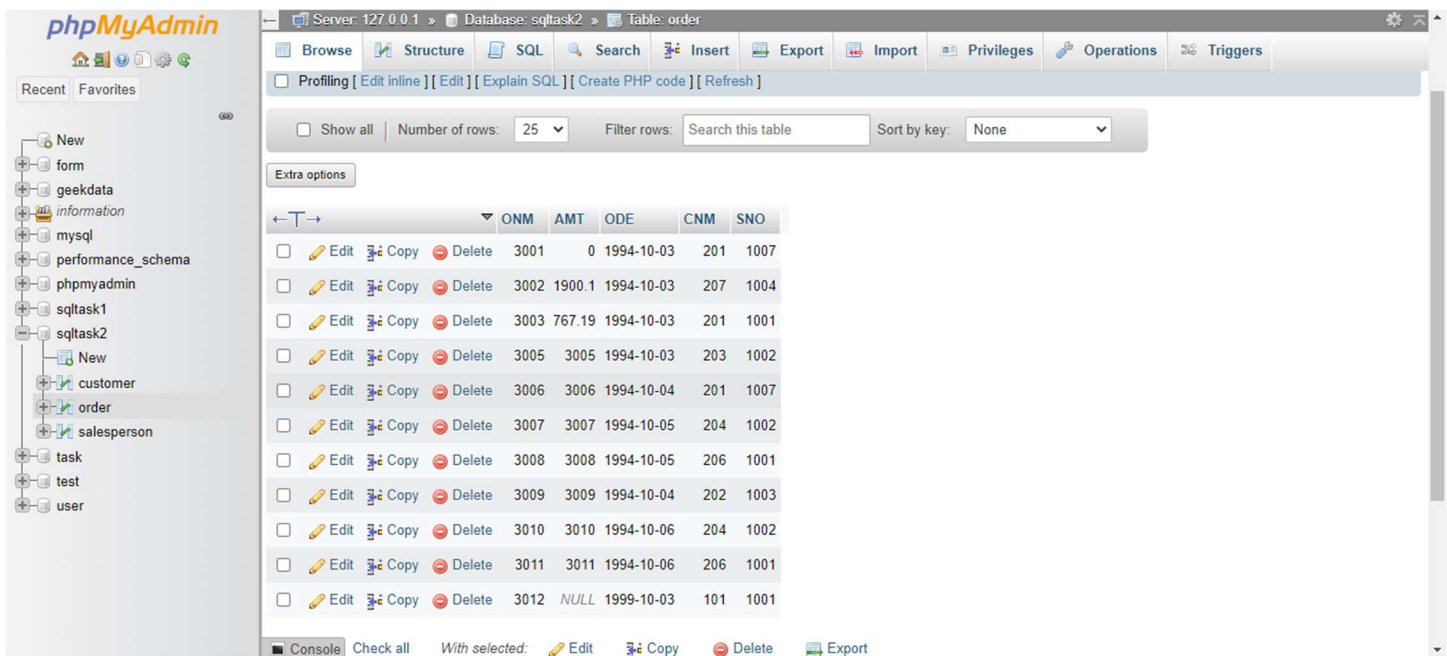
The URL at the bottom is: localhost/phpmyadmin/index.php?route=/sql&pos=0&db=sqltask2&table=salesperson

TABLE – CUSTOMER

The screenshot shows the phpMyAdmin interface for the 'customer' table in the 'sqltask2' database. The table has 5 columns: CNM, CNAME, CITY, RATING, and SNO. The data is as follows:

CNM	CNAME	CITY	RATING	SNO
201	HOFFMAN	LONDON	100	1001
202	GIOVANNE	ROME	200	1003
203	LIU	SAN JOSE	300	1002
204	GRASS	BARCELONA	100	1002
206	CLEMENS	LONDON	300	1007
207	PEREIRA	ROME	100	1004

TABLE – ORDER

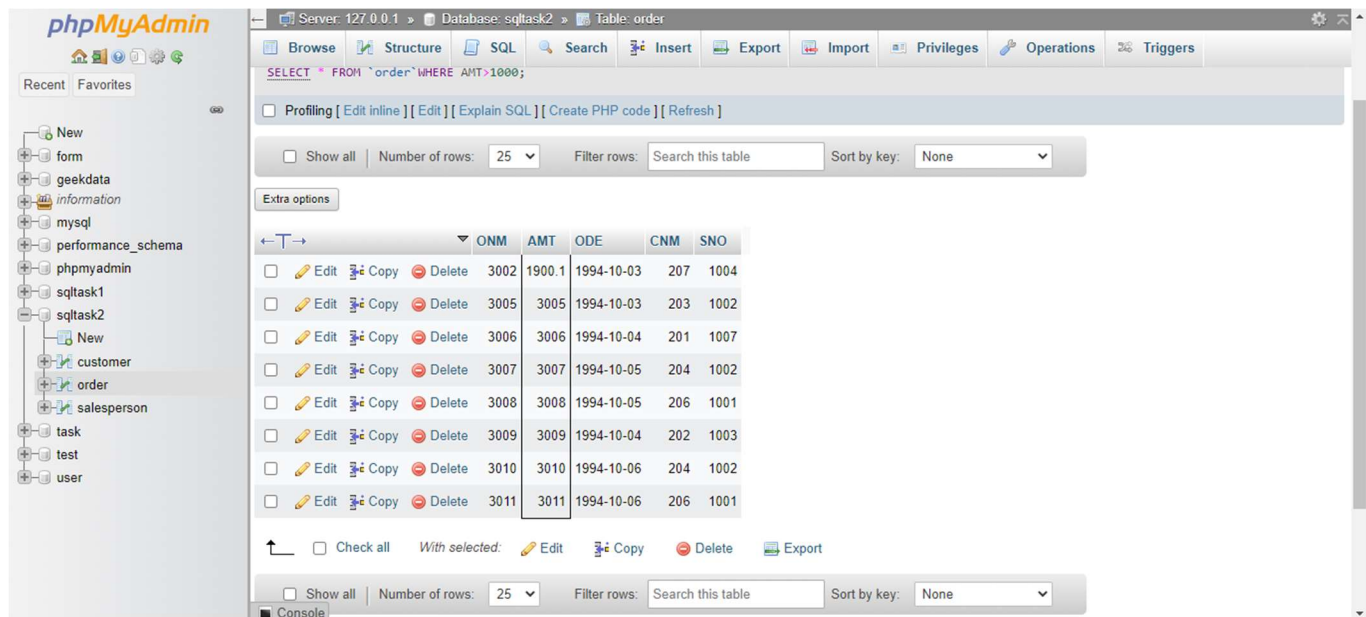


The screenshot shows the phpMyAdmin interface for the 'order' table in the 'sqltask2' database. The table has columns: ONM, AMT, ODE, CNM, and SNO. The data is displayed in a table with 12 rows. The first row has AMT 0, and the last row has AMT NULL. The interface includes a sidebar with a tree view of the database structure, a top navigation bar with tabs like Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, and Triggers, and a main content area with a table of data.

	ONM	AMT	ODE	CNM	SNO
<input type="checkbox"/> Edit Copy Delete	3001	0	1994-10-03	201	1007
<input type="checkbox"/> Edit Copy Delete	3002	1900.1	1994-10-03	207	1004
<input type="checkbox"/> Edit Copy Delete	3003	767.19	1994-10-03	201	1001
<input type="checkbox"/> Edit Copy Delete	3005	3005	1994-10-03	203	1002
<input type="checkbox"/> Edit Copy Delete	3006	3006	1994-10-04	201	1007
<input type="checkbox"/> Edit Copy Delete	3007	3007	1994-10-05	204	1002
<input type="checkbox"/> Edit Copy Delete	3008	3008	1994-10-05	206	1001
<input type="checkbox"/> Edit Copy Delete	3009	3009	1994-10-04	202	1003
<input type="checkbox"/> Edit Copy Delete	3010	3010	1994-10-06	204	1002
<input type="checkbox"/> Edit Copy Delete	3011	3011	1994-10-06	206	1001
<input type="checkbox"/> Edit Copy Delete	3012	NULL	1999-10-03	101	1001

A) All orders for more than \$1000.

Ans: - `SELECT * FROM `order` WHERE AMT>1000;`



The screenshot shows the phpMyAdmin interface with the SQL query `SELECT * FROM `order` WHERE AMT>1000;` executed. The result is displayed in a table with 8 rows. The first row has AMT 1900.1, and the last row has AMT 3011. The interface includes a sidebar with a tree view of the database structure, a top navigation bar with tabs like Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, and Triggers, and a main content area with a table of data.

	ONM	AMT	ODE	CNM	SNO
<input type="checkbox"/> Edit Copy Delete	3002	1900.1	1994-10-03	207	1004
<input type="checkbox"/> Edit Copy Delete	3005	3005	1994-10-03	203	1002
<input type="checkbox"/> Edit Copy Delete	3006	3006	1994-10-04	201	1007
<input type="checkbox"/> Edit Copy Delete	3007	3007	1994-10-05	204	1002
<input type="checkbox"/> Edit Copy Delete	3008	3008	1994-10-05	206	1001
<input type="checkbox"/> Edit Copy Delete	3009	3009	1994-10-04	202	1003
<input type="checkbox"/> Edit Copy Delete	3010	3010	1994-10-06	204	1002
<input type="checkbox"/> Edit Copy Delete	3011	3011	1994-10-06	206	1001

B) Names and cities of all salespeople in London with commission above 0.10.

Ans: - Select SNAME, CITY FROM salesperson WHERE comm > 0.10 and CITY= 'LONDON';

The screenshot shows the phpMyAdmin interface with the 'salesperson' table selected. The SQL query entered is: `Select SNAME, CITY FROM salesperson WHERE comm > 0.10 and CITY= 'LONDON';`. The results show 2 rows: PEEL (LONDON) and MOTIKA (LONDON). The interface includes a sidebar with a database tree, a top navigation bar, and a bottom console.

SNAME	CITY
PEEL	LONDON
MOTIKA	LONDON

C) All salespeople either in Barcelona or in London.

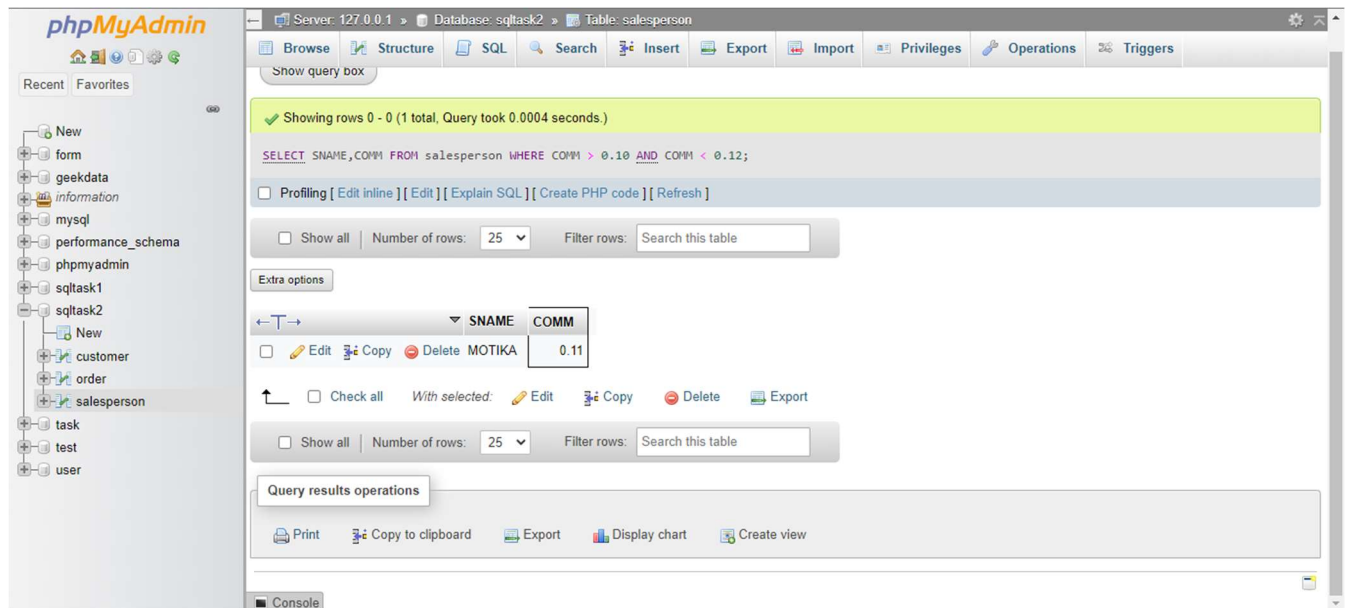
Ans: - SELECT SNAME,CITY FROM salesperson WHERE CITY IN('BARCELONA','LONDON');

The screenshot shows the phpMyAdmin interface with the 'salesperson' table selected. The SQL query entered is: `SELECT SNAME,CITY FROM salesperson WHERE CITY IN('BARCELONA','LONDON');`. The results show 3 rows: PEEL (LONDON), MOTIKA (LONDON), and RAFKIN (BARCELONA). The interface includes a sidebar with a database tree, a top navigation bar, and a bottom console.

SNAME	CITY
PEEL	LONDON
MOTIKA	LONDON
RAFKIN	BARCELONA

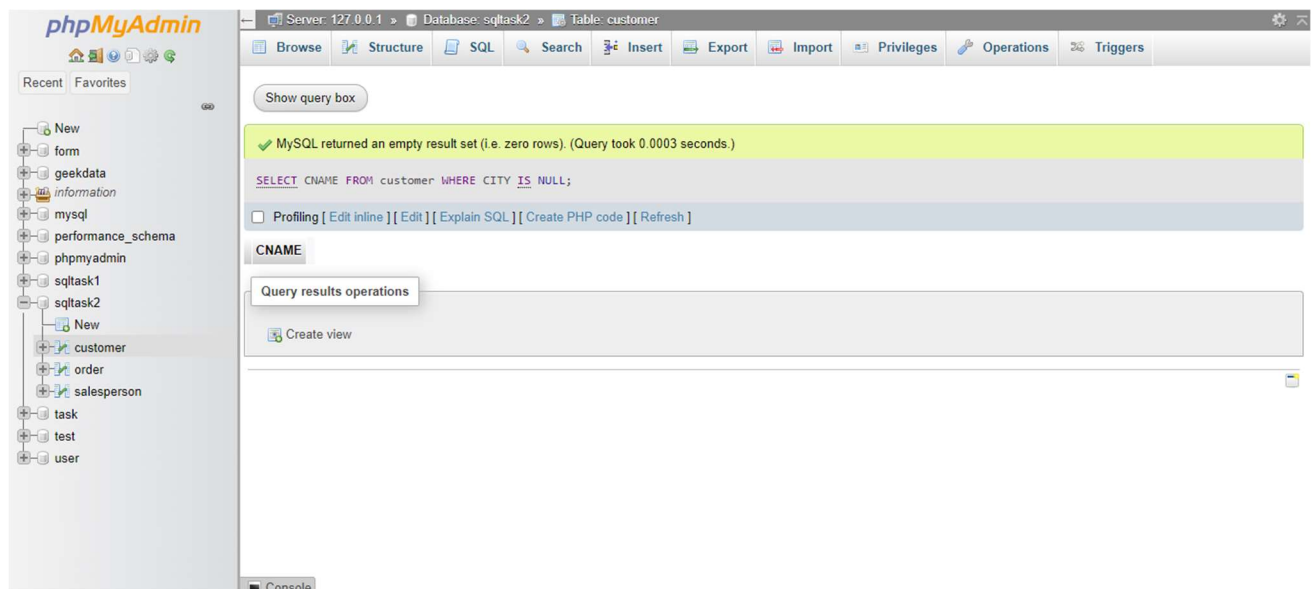
D) All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).

Ans: - `SELECT SNAME, COMM FROM salesperson WHERE COMM > 0.10 AND COMM < 0.12;`



E) All customers with NULL values in city column.

Ans: - `SELECT CNAME FROM customer WHERE CITY IS NULL;`



F) All orders taken on Oct 3rd and Oct 4th 1994

Ans: - `SELECT * FROM `order` WHERE ODE IN ('1994-10-03','1994-10-04');`

The screenshot shows the phpMyAdmin interface with the 'order' table selected. The SQL query `SELECT * FROM `order` WHERE ODE IN ('1994-10-03','1994-10-04');` is entered and executed. The results show 6 rows of data for orders taken on October 3rd and 4th, 1994.

	ONM	AMT	ODE	CNM	SNO
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3001	0	1994-10-03	201	1007
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3002	1900.1	1994-10-03	207	1004
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3003	767.19	1994-10-03	201	1001
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3005	3005	1994-10-03	203	1002
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3006	3006	1994-10-04	201	1007
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3009	3009	1994-10-04	202	1003

G) All customers serviced by peel or Motika.

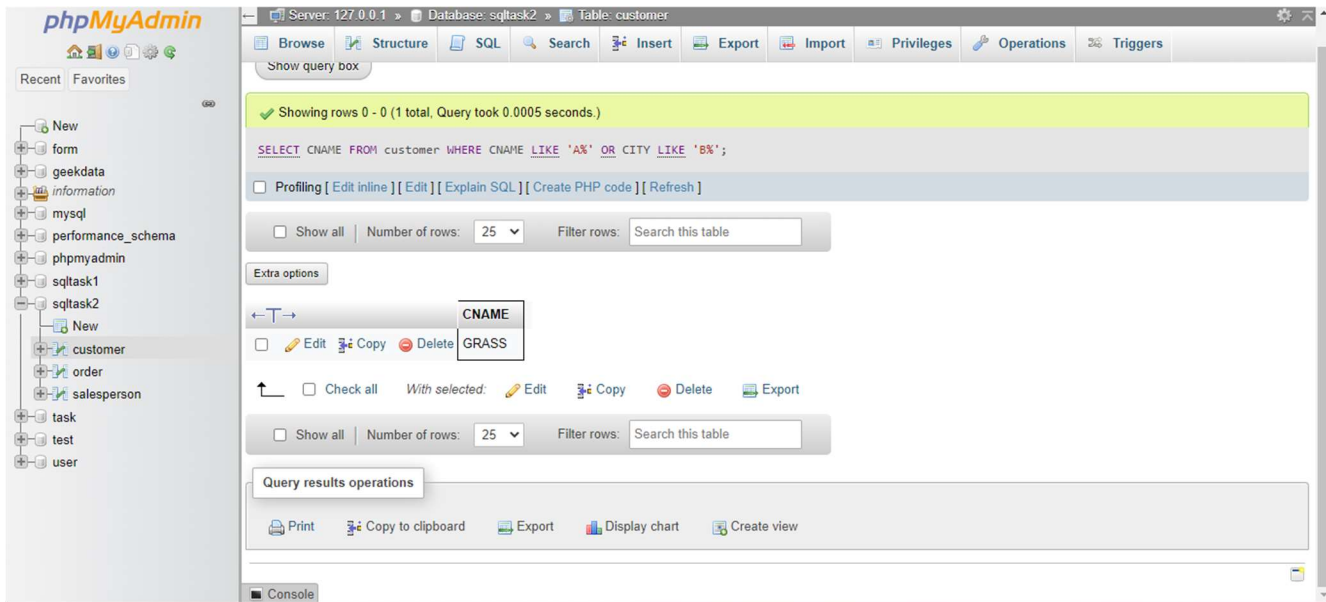
Ans: - `SELECT CNAME FROM customer WHERE SNO IN (1001,1004);`

The screenshot shows the phpMyAdmin interface with the 'customer' table selected. The SQL query `SELECT CNAME FROM customer WHERE SNO IN (1001,1004);` is entered and executed. The results show 2 rows of data for customers serviced by peel or Motika.

CNAME
HOFFMAN
PEREIRA

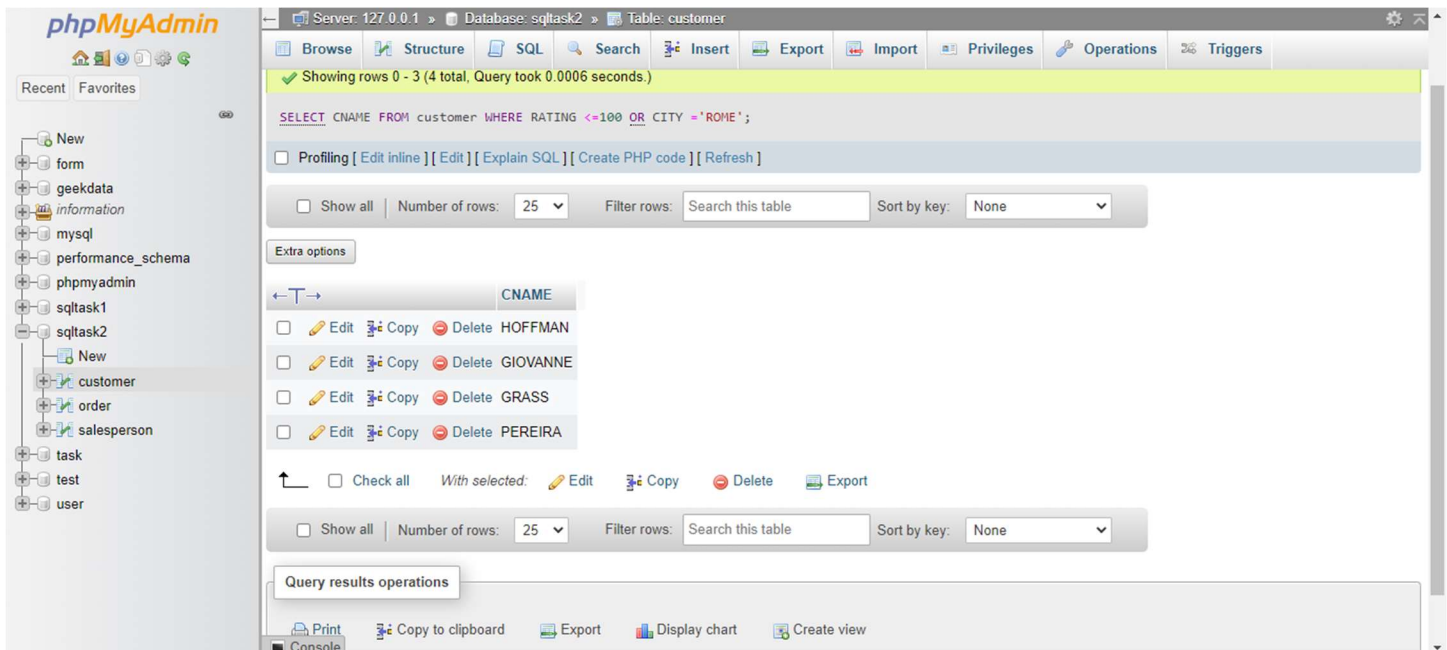
H) All customers whose names begin with a letter from A to B

Ans: - SELECT CNAME FROM customer WHERE CNAME LIKE 'A%' OR CITY LIKE 'B%';



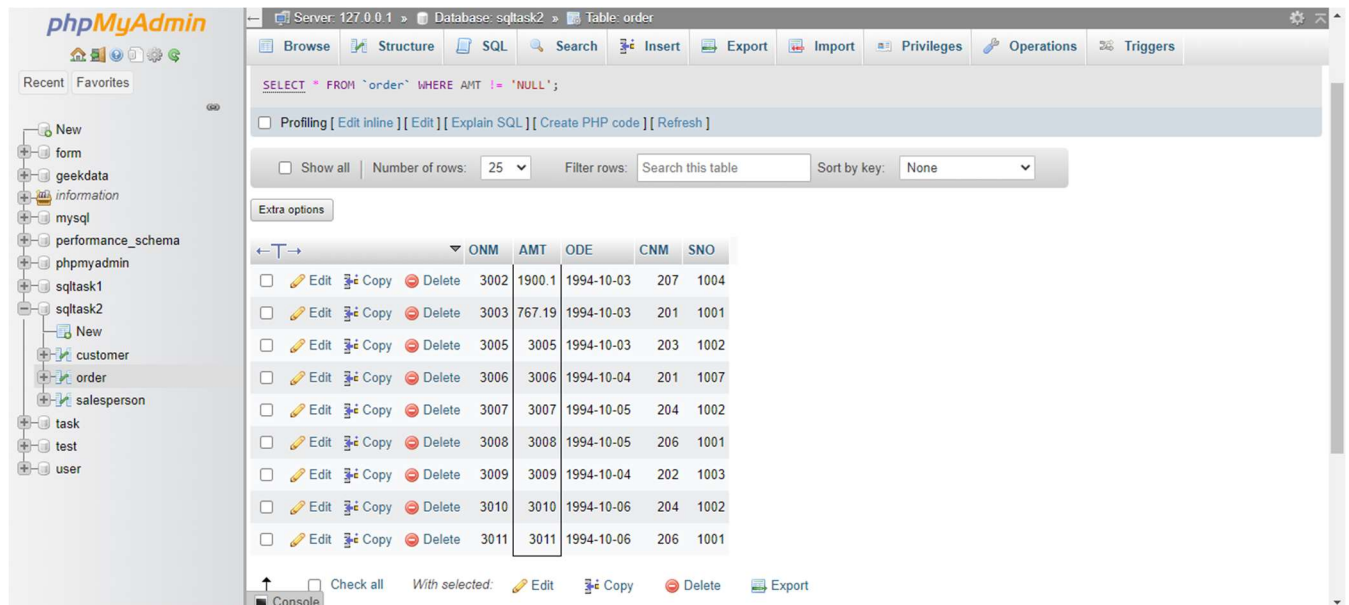
I) All customers excluding those with rating <= 100 unless they are located in Rome.

Ans: - SELECT CNAME FROM customer WHERE RATING <=100 OR CITY ='ROME';



J) All orders except those with 0 or NULL value in amt field.

Ans: - `SELECT * FROM `order` WHERE AMT != 'NULL';`

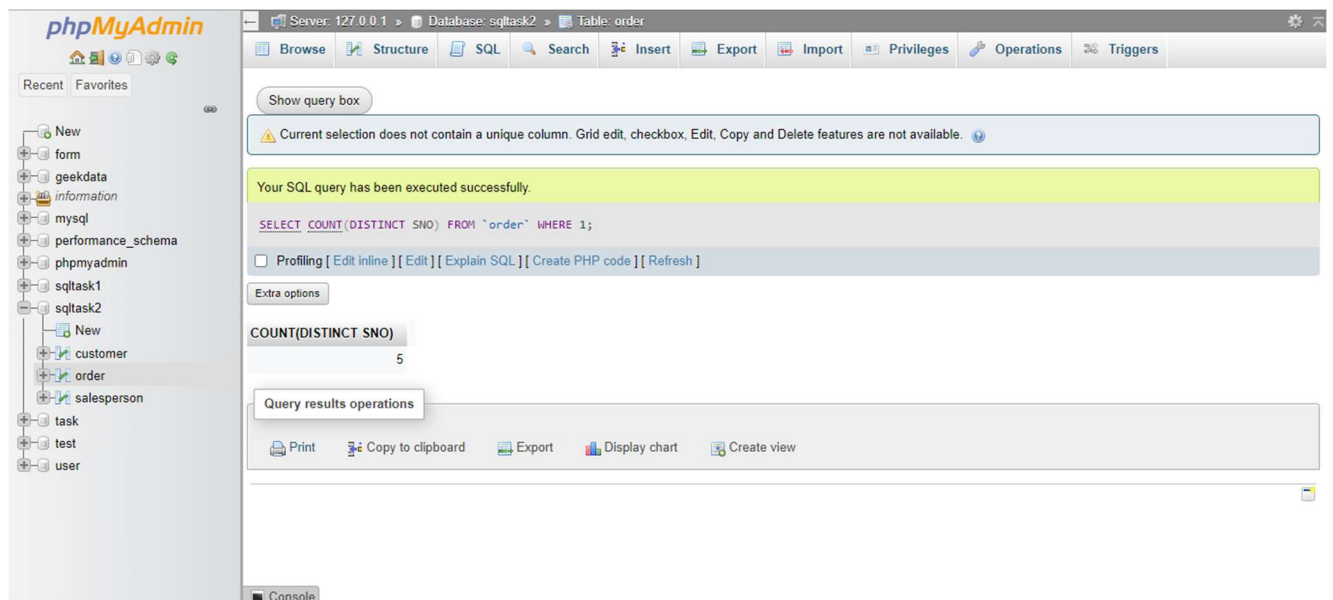


The screenshot shows the phpMyAdmin interface with the 'order' table selected. The SQL query entered is `SELECT * FROM `order` WHERE AMT != 'NULL';`. The table has 11 rows of data, with columns ONM, AMT, ODE, CNM, and SNO. The AMT column contains values like 1900.1, 767.19, 3005, 3006, 3007, 3008, 3009, 3010, and 3011. The SNO column contains values like 1004, 1001, 1002, 1007, 1002, 1001, 1003, 1002, and 1001.

	ONM	AMT	ODE	CNM	SNO
<input type="checkbox"/>	3002	1900.1	1994-10-03	207	1004
<input type="checkbox"/>	3003	767.19	1994-10-03	201	1001
<input type="checkbox"/>	3005	3005	1994-10-03	203	1002
<input type="checkbox"/>	3006	3006	1994-10-04	201	1007
<input type="checkbox"/>	3007	3007	1994-10-05	204	1002
<input type="checkbox"/>	3008	3008	1994-10-05	206	1001
<input type="checkbox"/>	3009	3009	1994-10-04	202	1003
<input type="checkbox"/>	3010	3010	1994-10-06	204	1002
<input type="checkbox"/>	3011	3011	1994-10-06	206	1001

K) Count the number of salespeople currently listing orders in the order table.

Ans: - `SELECT COUNT(DISTINCT SNO) FROM `order` WHERE 1;`



The screenshot shows the phpMyAdmin interface with the 'order' table selected. The SQL query entered is `SELECT COUNT(DISTINCT SNO) FROM `order` WHERE 1;`. The query has been executed successfully, and the result is displayed as `COUNT(DISTINCT SNO)` with a value of 5. The interface also shows a message: 'Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.'

Query results operations:

- [Print](#)
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- [Display chart](#)
- [Create view](#)