

Vishnu Asok

14-06-2023

Consider the following schema definitions:

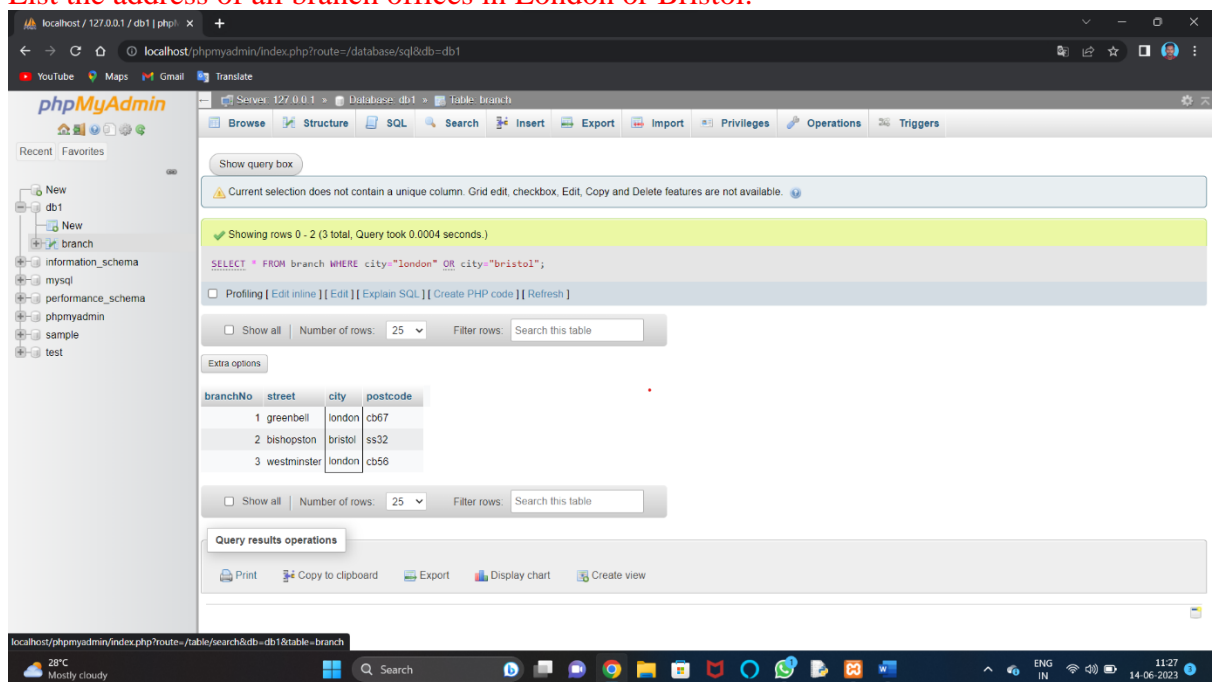
Branch (branchNo, street, city, postcode)

Staff (staffNo, fName, lName, position, sex, DOB, salary)

Viewing (clientNo, propertyNo, viewDate, comment)

Queries

- List the address of all branch offices in London or Bristol.



The screenshot shows the phpMyAdmin interface for a database named 'db1'. The 'branch' table is selected. The SQL query entered is: `SELECT * FROM branch WHERE city="london" OR city="bristol";`. The results show 3 rows:

branchNo	street	city	postcode
1	greenbell	london	cb67
2	bishopston	bristol	ss32
3	westminster	london	cb56

- List the staff with a salary between \$10000 and \$30000.

The screenshot shows the phpMyAdmin interface for a database named 'db1'. The 'staff' table is selected. The SQL query entered is: `SELECT * FROM staff WHERE salary BETWEEN 10000 AND 30000;`. The results show 3 rows (0-3) with the following data:

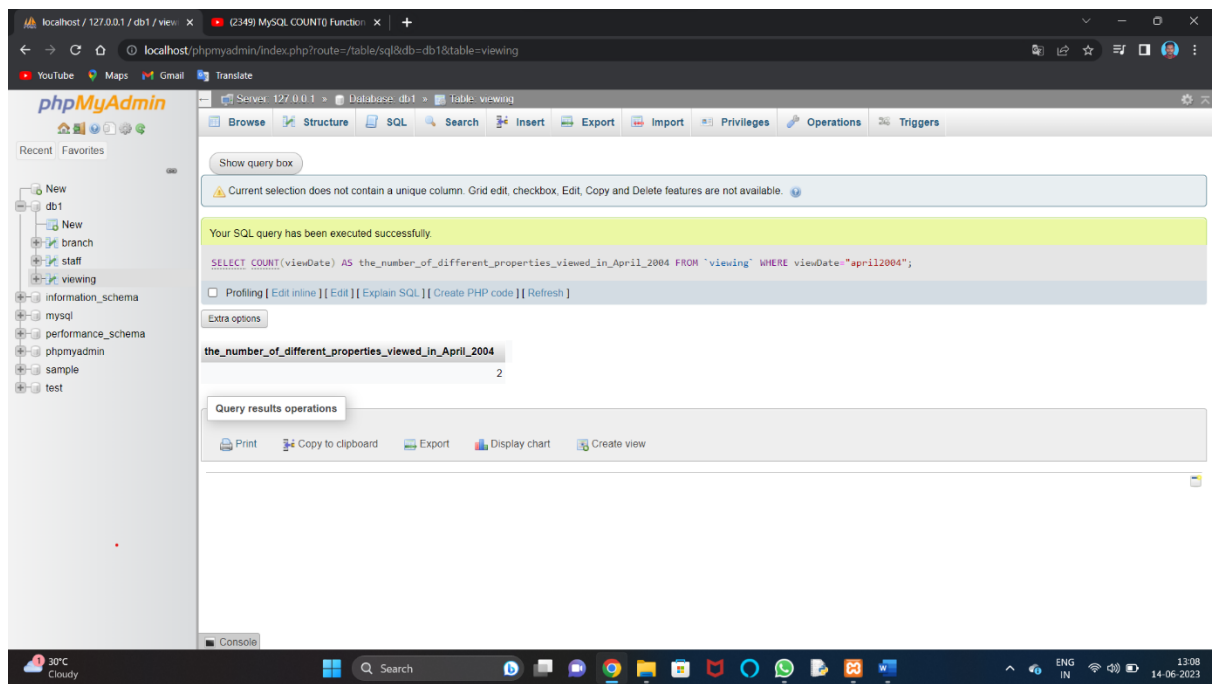
staffNo	fName	iName	position	sex	DOB	salary
1	vishnu	asok	ceo	male	25/10/2001	30000
2	roy	mathew	manager	male	10/12/1995	25000
4	rayan	kurup	manager	male	16/08/1999	24000

- List the staff in descending order of salary.

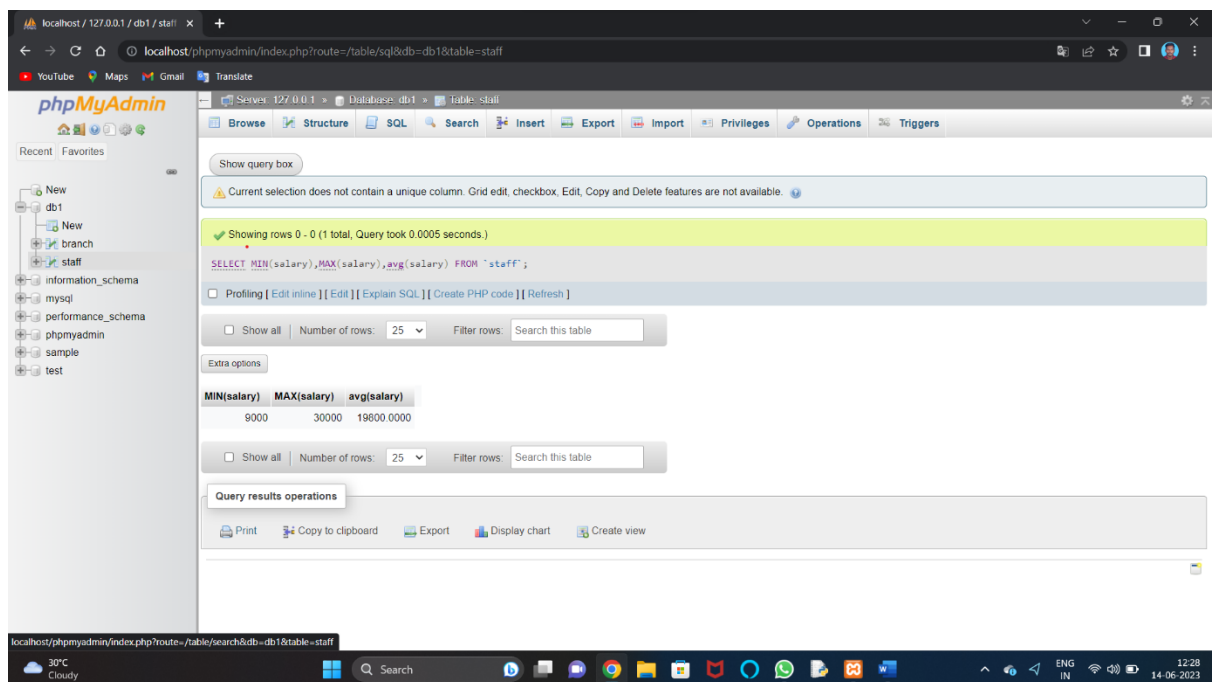
The screenshot shows the phpMyAdmin interface for the 'staff' table. The SQL query entered is: `SELECT * FROM "staff" ORDER BY salary DESC;`. The results show 5 rows (0-4) with the following data:

staffNo	fName	iName	position	sex	DOB	salary
1	vishnu	asok	ceo	male	25/10/2001	30000
2	roy	mathew	manager	male	10/12/1995	25000
4	rayan	kurup	manager	male	16/08/1999	24000
5	ajeena	ansari	developer	female	13/12/2000	11000
3	parvathy	raj	developer	female	04/03/1998	9000

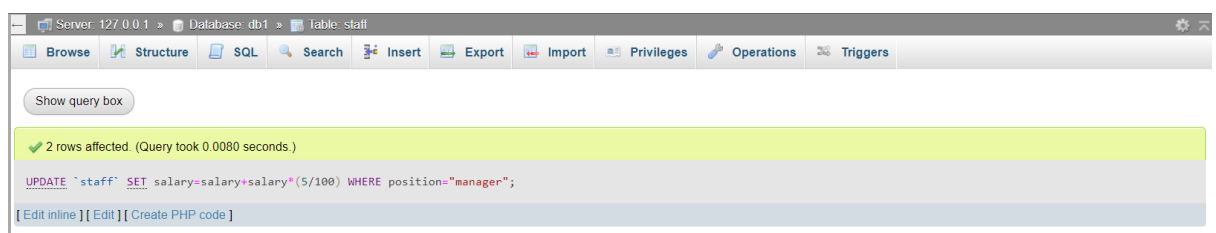
- Find the number of different properties viewed in April 2004.



- Find the minimum, maximum and average staff salary.



- Give all managers 5% increase to their salary



localhost / 127.0.0.1 / db1 / staff

phpMyAdmin

Server: 127.0.0.1 > Database: db1 > Table: staff

Recent Favorites

db1

- New
- branch
- staff
- information_schema
- mysql
- performance_schema
- phpmyadmin
- sample
- test

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 1 (2 total, Query took 0.0006 seconds.)

```
SELECT * FROM `staff` WHERE position="manager";
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

staffNo	fName	lName	position	sex	DOB	salary
2	roy	matthew	manager	male	10/12/1995	26250
4	rayan	kurup	manager	male	16/08/1999	25200

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

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- Delete all viewings that belong to property with property number PG4.

Server: 127.0.0.1 > Database: db1 > Table: viewing

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

2 rows affected. (Query took 0.0078 seconds.)

```
DELETE FROM `viewing` WHERE propertyNo="pg4";
```

[Edit inline] [Edit] [Create PHP code]

localhost / 127.0.0.1 / db1 / viewing

phpMyAdmin

Server: 127.0.0.1 > Database: db1 > Table: viewing

Recent Favorites

db1

- New
- branch
- staff
- viewing
- information_schema
- mysql
- performance_schema
- phpmyadmin
- sample
- test

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 2 (3 total, Query took 0.0005 seconds.)

```
SELECT * FROM `viewing`;
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

clientNo	propertyNo	viewDate	comment
2	pg3	april2004	good
3	pg3	october2004	good
5	pg2	january2006	good

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

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Search

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