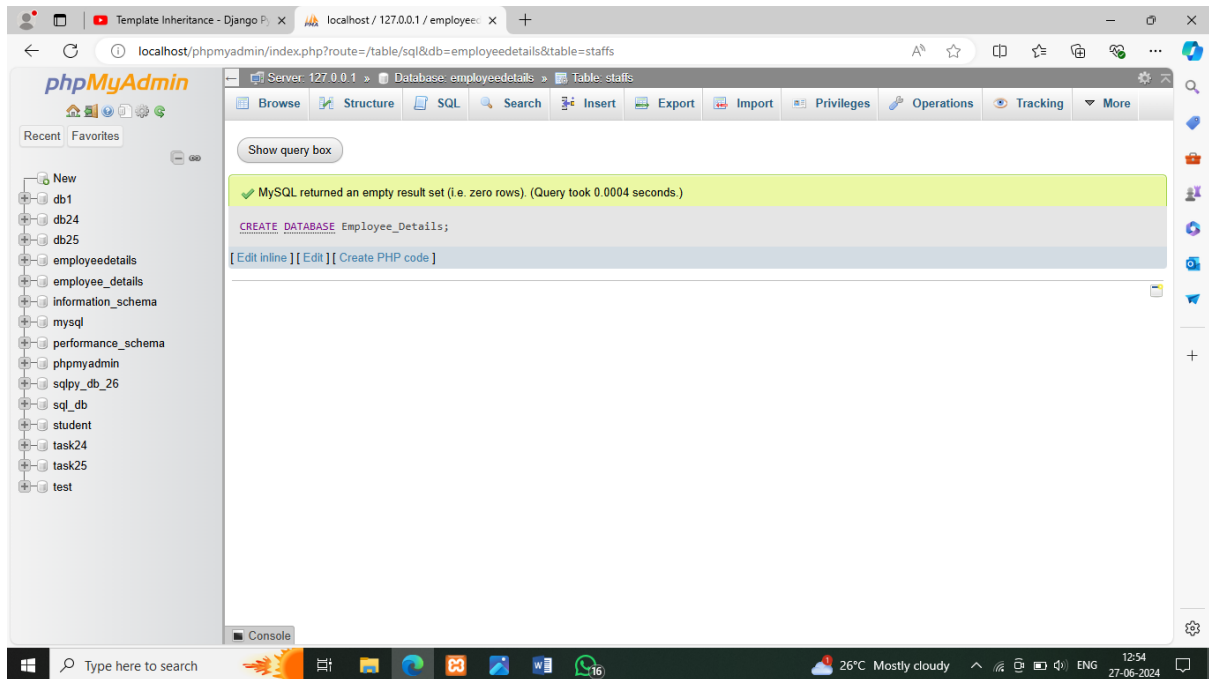


26/06/2024

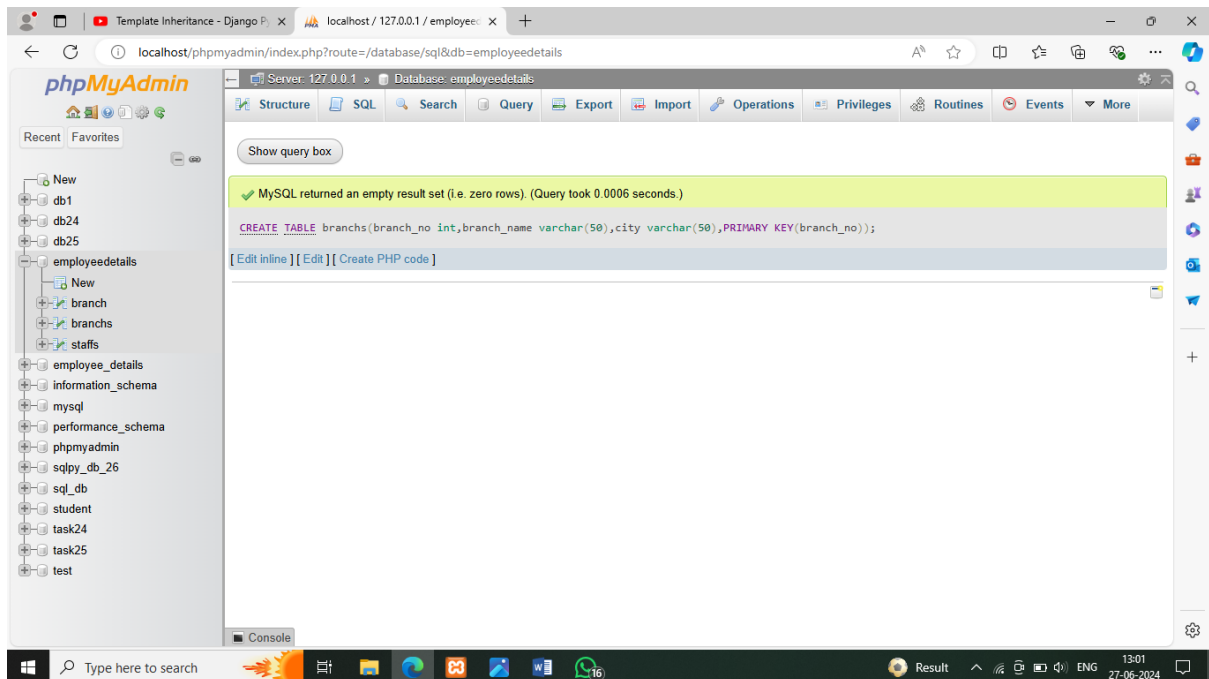
Xamp

Tasks:

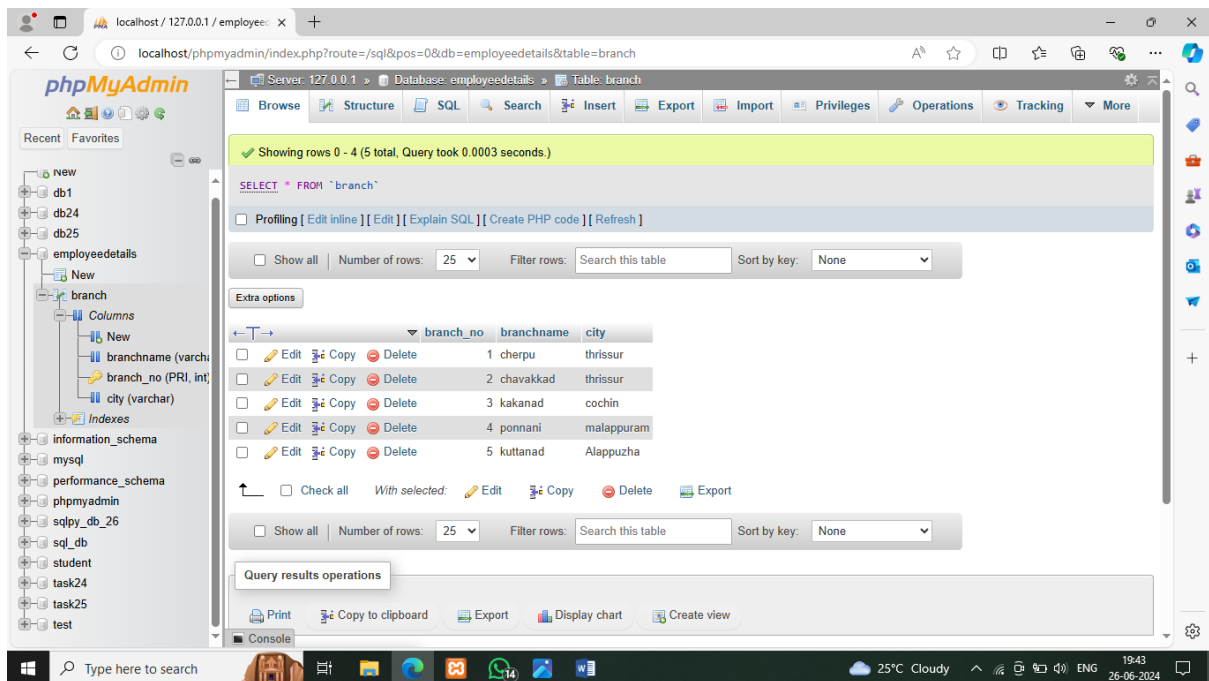
Create database EmployeeDetails.



Create table branch with branch no(Primary key),branch name,city



Add 5 entries to branch table



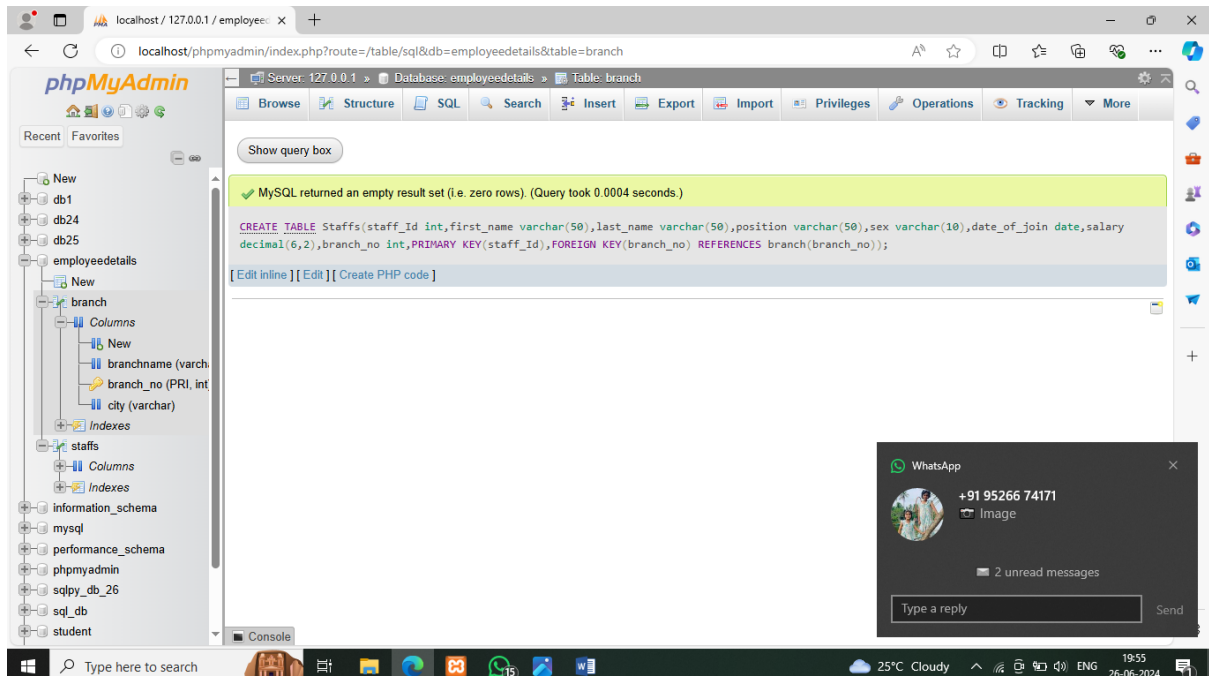
The screenshot shows the phpMyAdmin interface for the 'employee_details' database. The 'branch' table is selected, and the 'SQL' tab is active. The table structure is defined as:

branch_no	branchname	city
1	cherpu	thrissur
2	chavakkad	thrissur
3	kakanad	cochin
4	ponnani	malappuram
5	kuttanad	Alappuzha

The console shows the following SQL query:

```
SELECT * FROM `branch`
```

Create table staffs with staff_id (Primary key),firstname,lastname,position,sex,date of join,salary,foreign key(branch_no)



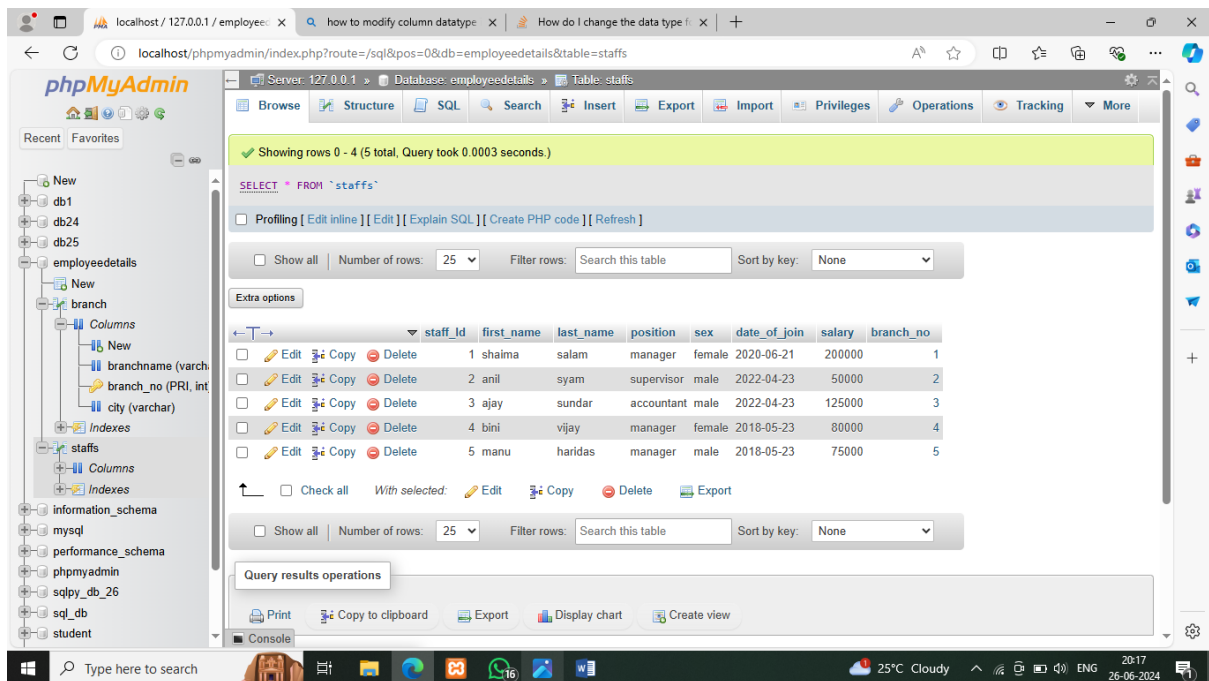
The screenshot shows the phpMyAdmin interface for the 'employee_details' database. The 'staffs' table is being created. The table structure is defined as:

staff_id	first_name	last_name	position	sex	date_of_join	salary
----------	------------	-----------	----------	-----	--------------	--------

The console shows the following SQL query:

```
CREATE TABLE staffs(staff_id int,first_name varchar(50),last_name varchar(50),position varchar(50),sex varchar(10),date_of_join date,salary decimal(6,2),branch_no int,PRIMARY KEY(staff_id),FOREIGN KEY(branch_no) REFERENCES branch(branch_no));
```

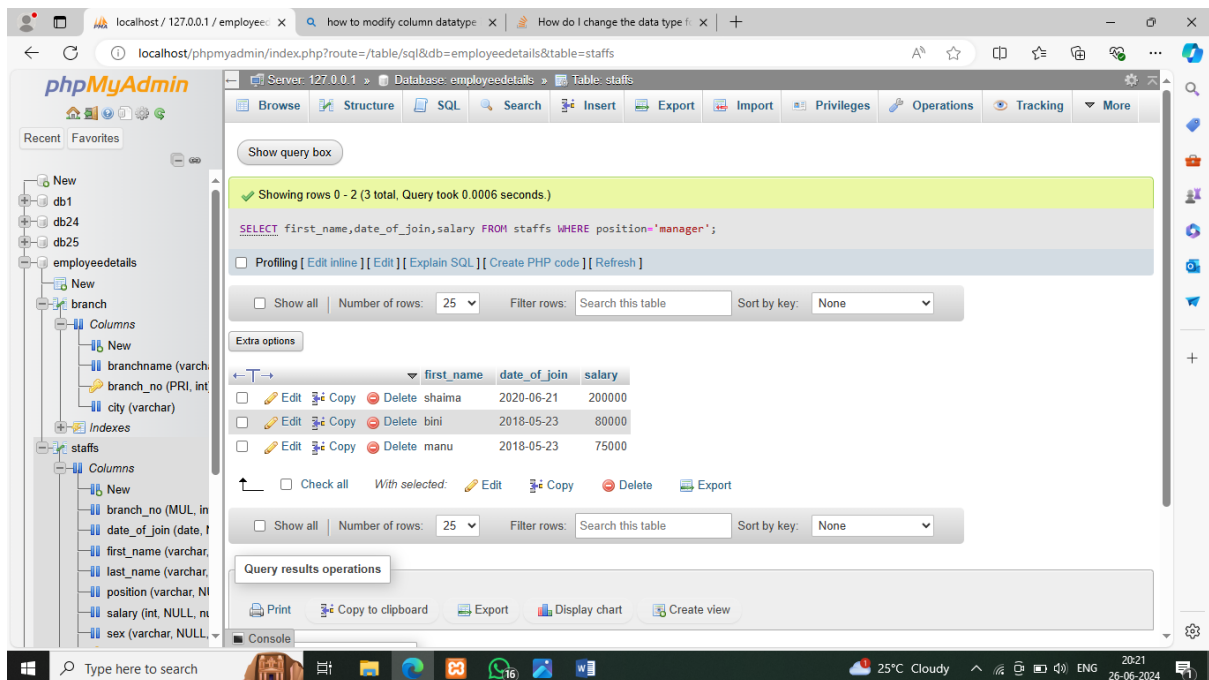
Add 5 entries and display whole content



The screenshot shows the phpMyAdmin interface for the 'employeeetails' database. The 'staffs' table is selected, and the SQL query 'SELECT * FROM `staffs`' is executed. The results show 5 rows of employee data. The table structure is as follows:

staff_id	first_name	last_name	position	sex	date_of_join	salary	branch_no
1	shaima	salam	manager	female	2020-06-21	200000	1
2	anil	syam	supervisor	male	2022-04-23	50000	2
3	ajay	sundar	accountant	male	2022-04-23	125000	3
4	bini	vijay	manager	female	2018-05-23	80000	4
5	manu	haridas	manager	male	2018-05-23	75000	5

Display First name , date of join and salary of managers



The screenshot shows the phpMyAdmin interface with the same 'staffs' table. The SQL query is updated to 'SELECT first_name,date_of_join,salary FROM staffs WHERE position='manager';'. The results show only the 3 rows where the position is 'manager'. The table structure is as follows:

first_name	date_of_join	salary
shaima	2020-06-21	200000
bini	2018-05-23	80000
manu	2018-05-23	75000

Display Sum of salary in staffs table

The screenshot shows the phpMyAdmin interface for the 'employeeetails' database. The 'staffs' table is selected. The SQL query entered is `SELECT SUM(salary) FROM staffs;`. The result shows a single row with the sum of salaries: 530000.

Database: employeeetails Table: staffs

Showing rows 0 - 0 (1 total, Query took 0.0003 seconds)

```
SELECT SUM(salary) FROM staffs;
```

Extra options

SUM(salary)

530000

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Console

Display staffs table on basis of descending order of salary

The screenshot shows the phpMyAdmin interface for the 'employeeetails' database. The 'staffs' table is selected. The SQL query entered is `SELECT * FROM `staffs` ORDER BY salary DESC;`. The results are displayed in a table, sorted by salary in descending order.

Database: employeeetails Table: staffs

Showing rows 0 - 4 (5 total, Query took 0.0004 seconds) [salary: 200000... - 50000...]

```
SELECT * FROM `staffs` ORDER BY salary DESC;
```

Extra options

	staff_id	first_name	last_name	position	sex	date_of_join	salary	branch_no
<input type="checkbox"/>	1	shaima	salam	manager	female	2020-06-21	200000	1
<input type="checkbox"/>	3	ajay	sundar	accountant	male	2022-04-23	125000	3
<input type="checkbox"/>	4	bini	vijay	manager	female	2018-05-23	80000	4
<input type="checkbox"/>	5	manu	haridas	manager	male	2018-05-23	75000	5
<input type="checkbox"/>	2	anil	syam	supervisor	male	2022-04-23	50000	2

Query results operations

Check all With selected: Edit Copy Delete Export

Display Distinct position in staff table

The screenshot shows the phpMyAdmin interface with the 'staffs' table selected. The SQL query entered is `SELECT DISTINCT position FROM 'staffs';`. The results show 3 rows, with the first two visible: 'manager' and 'supervisor'. The interface includes a sidebar with the database structure, a top navigation bar, and a bottom status bar.

Server: 127.0.0.1 Database: employeeedetails Table: staffs

Showing rows 0 - 2 (3 total, Query took 0.0004 seconds)

```
SELECT DISTINCT position FROM 'staffs';
```

Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

position
manager
supervisor
accountant

Query results operations

Print Copy to clipboard Export Display chart Create view

Display Min Max and Average salary

The screenshot shows the phpMyAdmin interface with the 'staffs' table selected. The SQL query entered is `SELECT MIN(salary), MAX(salary), AVG(salary) FROM 'staffs';`. The results show 1 row with the following values: MIN(salary) = 50000, MAX(salary) = 200000, and AVG(salary) = 106000.0000. The interface includes a sidebar with the database structure, a top navigation bar, and a bottom status bar.

Server: 127.0.0.1 Database: employeeedetails Table: staffs

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

Showing rows 0 - 0 (1 total, Query took 0.0003 seconds)

```
SELECT MIN(salary), MAX(salary), AVG(salary) FROM 'staffs';
```

Number of rows: 25 Filter rows: Search this table

Extra options

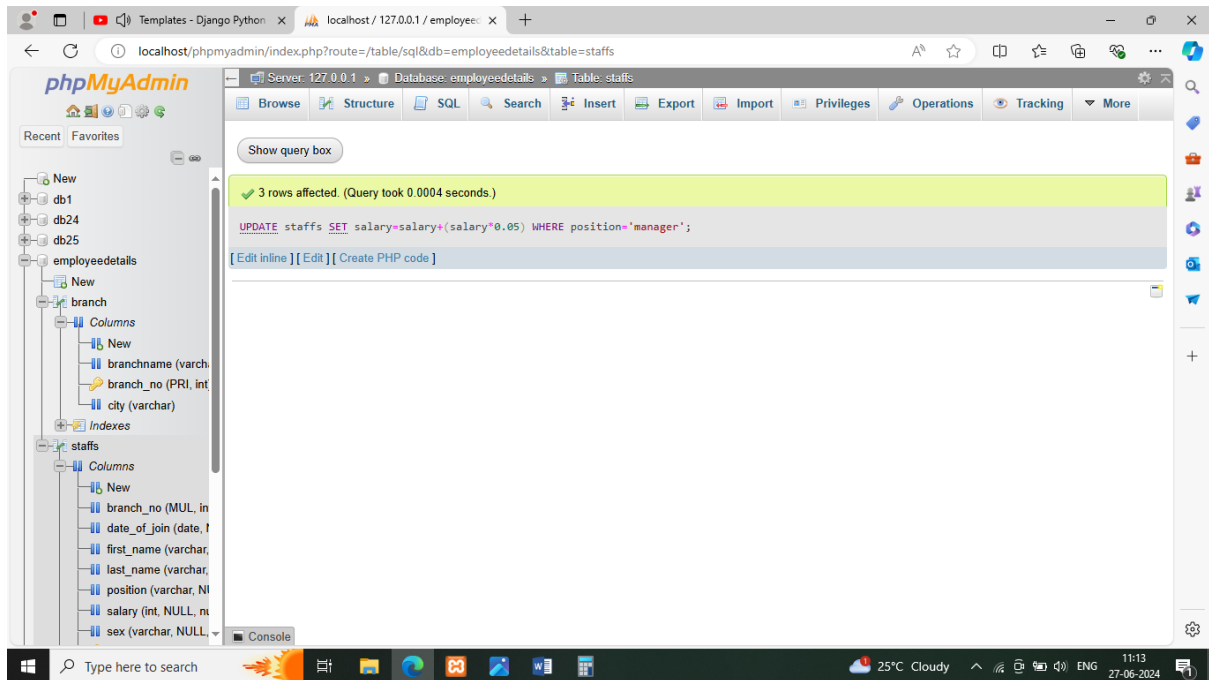
MIN(salary)	MAX(salary)	AVG(salary)
50000	200000	106000.0000

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Update manager with a salary hike of 5%



The screenshot shows the phpMyAdmin interface with the 'staffs' table selected. The SQL query executed is: `UPDATE staffs SET salary=salary*(salary*0.05) WHERE position='manager';`. The result shows '3 rows affected. (Query took 0.0004 seconds)'. The left sidebar shows the database structure with 'employeeetails' containing 'branch' and 'staffs' tables.

Server: 127.0.0.1 Database: employeeetails Table: staffs

Show query box

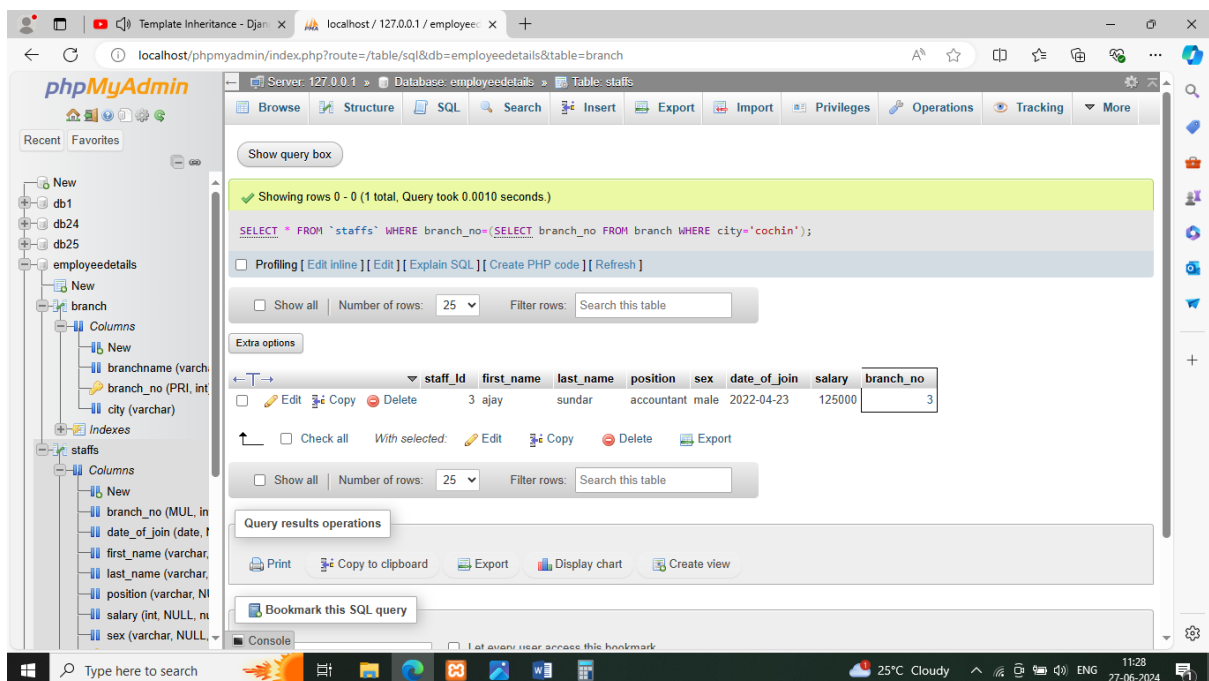
3 rows affected. (Query took 0.0004 seconds)

UPDATE staffs SET salary=salary*(salary*0.05) WHERE position='manager';

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

Console

Display staffs details with in the city cochin



The screenshot shows the phpMyAdmin interface with the 'branch' table selected. The SQL query executed is: `SELECT * FROM `staffs` WHERE branch_no=(SELECT branch_no FROM branch WHERE city='cochin');`. The result shows 'Showing rows 0 - 0 (1 total, Query took 0.0010 seconds)'. The result table shows one row with staff details.

Server: 127.0.0.1 Database: employeeetails Table: staffs

Show query box

Showing rows 0 - 0 (1 total, Query took 0.0010 seconds)

SELECT * FROM `staffs` WHERE branch_no=(SELECT branch_no FROM branch WHERE city='cochin');

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

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

Extra options

	staff_id	first_name	last_name	position	sex	date_of_join	salary	branch_no
<input type="checkbox"/>	3	ajay	sundar	accountant	male	2022-04-23	125000	3

☐ Check all | With selected: [Edit] [Copy] [Delete] [Export]

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

Query results operations

[Print] [Copy to clipboard] [Export] [Display chart] [Create view]

Bookmark this SQL query

Console

Count distinct name of staffs with date of joining is may 2018

The screenshot displays the phpMyAdmin web interface in a browser. The left sidebar shows the database structure with 'employeeDetails' selected, containing tables 'branch' and 'staffs'. The 'staffs' table is expanded, showing columns like 'branch_no', 'date_of_join', 'first_name', 'last_name', 'position', 'salary', and 'sex'. The main panel shows the 'Table: staffs' view. A message states 'Your SQL query has been executed successfully.' The executed query is: `SELECT DISTINCT COUNT(first_name) FROM staffs WHERE year(date_of_join) = 2018 and month(date_of_join)=5;`. The result shows a single row with the value '1' for the 'COUNT(first_name)' column. Below the results, there are options to 'Bookmark this SQL query' and 'Let every user access this bookmark'. The browser's taskbar at the bottom shows the system clock as 12:50 on 27-06-2024.

Server: 127.0.0.1 » Database: employeeDetails » Table: staffs

Show query box

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

Your SQL query has been executed successfully.

```
SELECT DISTINCT COUNT(first_name) FROM staffs WHERE year(date_of_join) = 2018 and month(date_of_join)=5;
```

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

Extra options

COUNT(first_name)

1

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

Console

26°C Mostly cloudy 12:50 27-06-2024