

vse Structure SQL Search

SQL query/queries on table university.course:

```
1 select title AS result_title  
2 from course  
3 where dept_name = 'Comp. Sci.' and credits = 3
```

SELECT * SELECT INSERT UPDATE DELETE Clear
 Bind parameters
Bookmark this SQL query:
Delimiter :

Show query box

Showing rows 0 - 2 (3 total, Query took 0.0028 seconds.)

select title AS result_title from course where dept_name = 'Co

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

Show all

Number of rows:

25

Filter rows:

Search this

Extra options

← T →

result_title

-  Edit  Copy  Delete International Finance
-  Edit  Copy  Delete Computability Theory
-  Edit  Copy  Delete Japanese



Check all

With selected:

 Edit

 Copy

 Delete

Show all

Number of rows:

25

Filter rows:

Search this table

Query results operations

 Print

 Copy to clipboard

 Export

 Display chart

 Create

Console



Search



MyAdr X | localhost / 127.0.0.1 / university X | localhost / 127.0.

phpmyadmin/index.php?route=/table/sql&db=university&table=student

Server: 127.0.0.1 » Database: university » Table: student

Browse Structure SQL Search Insert

Run SQL query/queries on table university.student: ⚡

```
1 (SELECT DISTINCT student.ID AS result_id
2 FROM student,takes
3 WHERE student.ID=takes.ID AND year=2017)
4 except
5 (SELECT DISTINCT student.ID AS result_id
6 FROM student,takes
7 WHERE student.ID=takes.ID AND year=2018);
```

SELECT * SELECT INSERT UPDATE DELETE Clear For
 Bind parameters ?
Bookmark this SQL query:
Delimiter Show this

ver: 127.0.0.1 » Database: university » Table: student

use Structure SQL Search Insert Export

SQL query/queries on table university.student:

```
1 SELECT DISTINCT student.ID AS result_id
2 FROM student,takes
3 WHERE student.ID=takes.ID AND year=2017 AND student.ID NOT IN
4 (SELECT DISTINCT student.ID AS result_id
5 FROM student,takes
6 WHERE student.ID=takes.ID AND year=2018);|
```

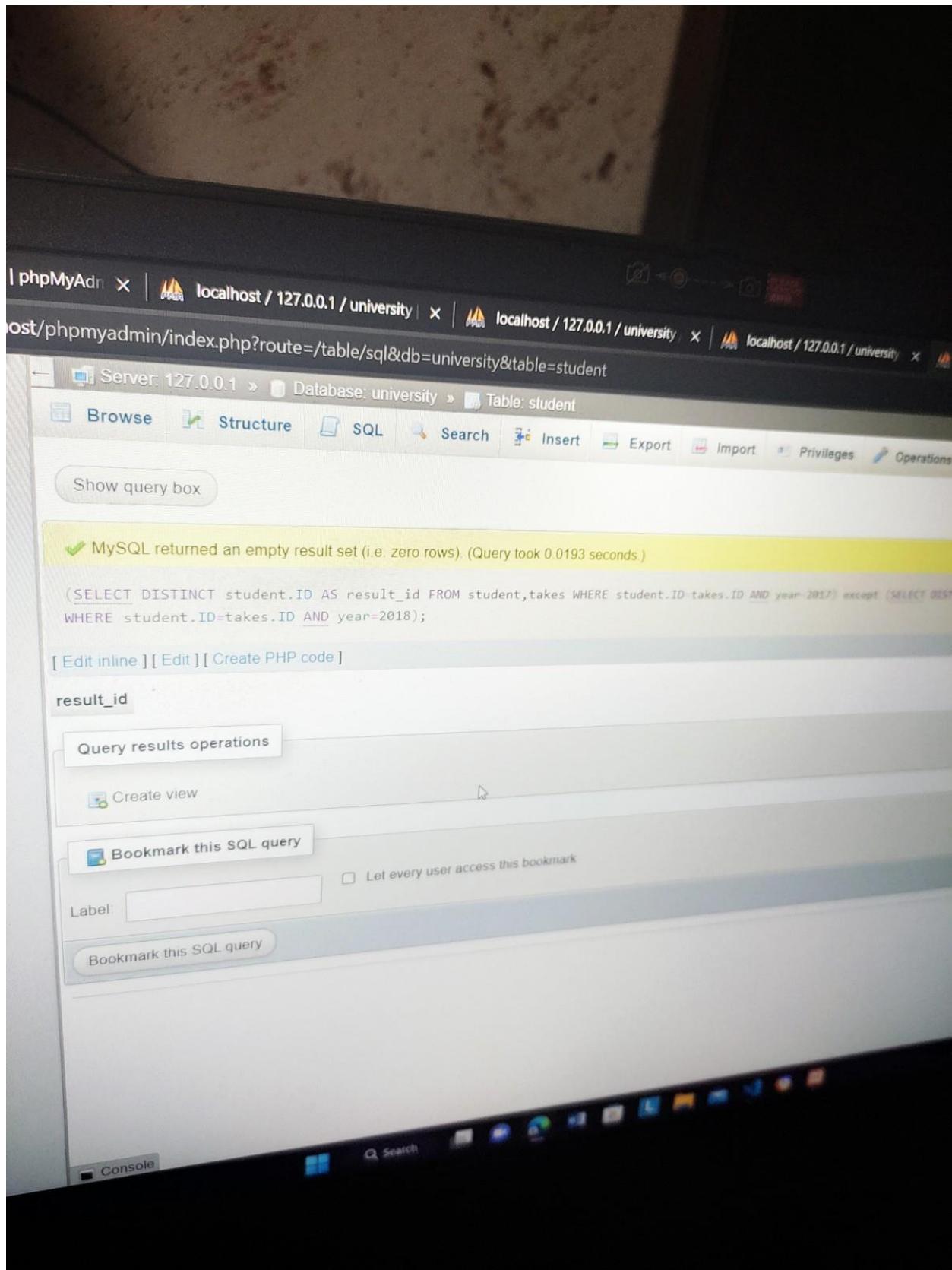
SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto

Bind parameters

Bookmark this SQL query:

Delimiter : Show this query here again Retain query box Rollback when

Console 



n/index.php?route=/table/sql&db=university&table=in

Server: 127.0.0.1 » Database: university » Tab

rowse

Structure

SQL

Search

n SQL query/queries on table university.instructor: 

```
1 select max(salary) AS max_salary  
2 from instructor
```

SELECT *

SELECT

INSERT

UPDATE

DELETE

Clear

Bind parameters 

Bookmark this SQL query.



Profiling [Edit inline] [Edit]



Show all

| Number of

Extra options

max_salary

139717.62



Show all

| Number of rows

Query results operations



Print



Copy to clipboard

Run this SQL query

BROWSE Structure SQL

Run SQL query/queries on table university.

```
1 select ID, name  
2 from instructor  
3 where salary = (  
4     select max(salary)  
5     from instructor)
```

SELECT *

SELECT

INSERT

Browse Structure SQL Search Insert

Show query box

Showing rows 0 - 0 (1 total, Query took 0.0030 seconds.)

```
select ID, name from instructor where salary = ( select max(sa
```

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

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

Extra options

ID	name
34175	Bondi

Edit Copy Delete
 Check all With selected: Edit Copy Delete

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

Query results operations

Print Copy to clipboard Export Display chart

Bookmark this SQL query

Console Let every user access this bookmark

index.php?route=/table/sql&db=university&table=section

Server: 127.0.0.1 » Database: university » Table: se

wse

Structure

SQL

Search



SQL query/queries on table university.section:

```
1 |select course_id,sec_id,count(ID)
2 from section natural join takes
3 where semester = 'Fall' and year = 2017
4 group by course_id,sec_id;
```

SELECT *

SELECT

INSERT

UPDATE

DELETE

Clear

Bind parameters

Server: 127.0.0.1 » Database: university » Table: s

Browse Structure SQL Search

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 sec)

```
select course_id,sec_id,count(ID) from section natural j
```

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

course_id	sec_id	count(ID)
-----------	--------	-----------

Query results operations

Create view

Bookmark this SQL query

Label:

Let every user access this bookmark

Bookmark this SQL query

localhost / 12 X | M

min/index.php?route=/table/sql&db=university&table=section

Server: 127.0.0.1 » Database: university » Table: section

Browse Structure SQL Search Insert E

In SQL query/queries on table university.section:

```
1 with secenrollment as (
2     select course_id,sec_id,count(ID)as enrollment
3     from section natural join takes
4     where semester = 'Fall'and year = 2017
5     group by course_id,sec_id)
6     select course_id,sec_id
7     from secenrollment
8     where enrollment = (select max(enrollment)from secenrollment);
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get aut.

Bind parameters

Bookmark this SQL query:

Delimiter : Show this query here again Retain query box Rollback when

Console

wse Structure SQL Search

SQL query/queries on table university.instructor:

```
1 UPDATE instructor SET salary = salary * 1.1
2 WHERE dept_name = "Comp. Sci.";
```

SELECT * SELECT INSERT UPDATE DELETE Clear

Bind parameters

Bookmark this SQL query:

Delimiter . Show this query here again Retain query

myadmin/index.php?route=/table/sql&db=university&table=instructor

Server: 127.0.0.1 » Database: university » Table: instructor

Browse Structure SQL Search Insert Export Import

Show query box

✓ 2 rows affected. (Query took 0.0002 seconds.)

```
UPDATE instructor SET salary = salary * 1.1 WHERE dept_name = "Comp. Sci.;"
```

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

⚠ Note: #1265 Data truncated for column 'salary' at row 1

⚠ Note: #1265 Data truncated for column 'salary' at row 2

The screenshot shows a MySQL Workbench interface. The title bar indicates the connection is to 'localhost, University' and the current table is 'instructor'. The main area displays an UPDATE query: 'UPDATE instructor SET salary = salary * 1.1 WHERE dept_name = "Comp. Sci.";'. Below the query, two warning messages are shown: 'Note: #1265 Data truncated for column 'salary' at row 1' and 'Note: #1265 Data truncated for column 'salary' at row 2'. The status bar at the bottom shows various application icons.

SQL query/queries on table universit

```
1 delete from course  
2 where course_id not in  
3 |(select course_id  
4   from section)
```

SELECT • SELECT INSERT UPDATE / D

Show parameters

← Server: 127.0.0.1 » Database: university » Table

Browse Structure SQL Search

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.000 sec)

```
SELECT DISTINCT ID, name FROM student WHERE dept_name='
```

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

ID	name
----	------

Query results operations

Create view

Bookmark this SQL query

Label:

Let every user access this bookmark

Bookmark this SQL query

A screenshot of the MySQL Workbench interface. The title bar shows 'Server: 127.0.0.1 » Database: university ». The main menu includes 'Browse', 'Structure', 'SQL', and 'Search'. A tooltip 'Show query box' is visible. A yellow message bar at the top says 'MySQL returned an empty result set (i.e. zero rows). (Query took 0.000 sec)'. Below it is a query editor with the following SQL: 'SELECT DISTINCT ID, name FROM student WHERE dept_name=' followed by a single quote. There is a checkbox for 'Profiling' and several edit options. Below the query is a table with columns 'ID' and 'name', both currently empty. A 'Query results operations' panel is open, containing buttons for 'Create view' and 'Bookmark this SQL query'. The 'Bookmark this SQL query' section includes a 'Label' input field and a 'Let every user access this bookmark' checkbox.

SQL query/queries on table university.student:

```
1 insert into instructor  
2 select ID, name, dept_name, 10000  
3 from student  
4 where tot_cred > 100
```

SELECT * SELECT INSERT UPDATE DELETE

Bind parameters

Bookmark this SQL query:

Data

Server: 127.0.0.1 » Database: universi

Browse



Structure



SQL



Run SQL query/queries on table university.student

```
1 SELECT DISTINCT ID, name  
2 FROM student  
3 WHERE dept_name='Comp.Sci.';
```

SELECT *

SELECT

INSERT

UPDATE

DELETE

Bind parameters: <input type="text">

university/index.php?route=/table/sql&db=university&t=

Server: 127.0.0.1 » Database: university »

Browse

Structure

SQL

Run SQL query/queries on table university.instructor

```
1 SELECT MAX(salary), dept_name  
2 FROM instructor  
3 GROUP BY dept_name;
```

SELECT *

SELECT

INSERT

UPDATE

DELETE

Bind parameters

Browse Structure SQL Search Insert

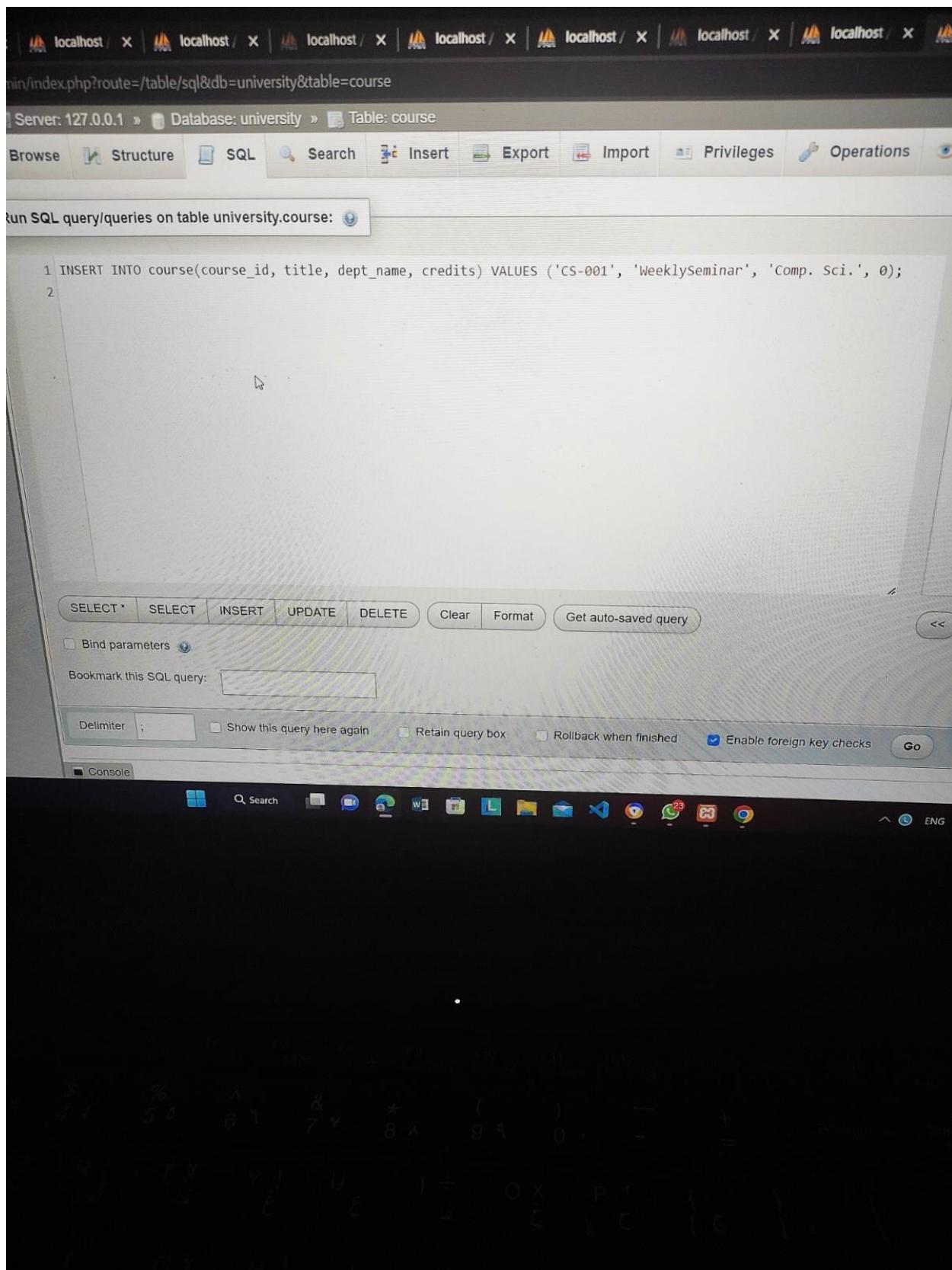
Show all Number of rows: 20 Filter rows. Sedition this

Extra options

		MAX(salary)	dept_name
<input type="checkbox"/>	Edit Copy Delete	71351.42	Accounting
<input type="checkbox"/>	Edit Copy Delete	79070.08	Astronomy
<input type="checkbox"/>	Edit Copy Delete	103146.87	Athletics
<input type="checkbox"/>	Edit Copy Delete	77036.18	Biology
<input type="checkbox"/>	Edit Copy Delete	139717.62	Comp. Sci.
<input type="checkbox"/>	Edit Copy Delete	117836.50	Cybernetics
<input type="checkbox"/>	Edit Copy Delete	90038.09	Elec. Eng.
<input type="checkbox"/>	Edit Copy Delete	118143.98	English
<input type="checkbox"/>	Edit Copy Delete	105311.38	Finance
<input type="checkbox"/>	Edit Copy Delete	99382.59	Geology
<input type="checkbox"/>	Edit Copy Delete	90891.69	Languages
<input type="checkbox"/>	Edit Copy Delete	119921.41	Marketing
<input type="checkbox"/>	Edit Copy Delete	107978.47	Mech. Eng.
<input type="checkbox"/>	Edit Copy Delete	121141.99	Physics
<input type="checkbox"/>	Edit Copy Delete	124651.41	Pol. Sci.
	Console	62579.61	Psychology

Search

A standard Windows taskbar at the bottom of the screen, showing icons for File Explorer, Task View, Start, Taskbar settings, and other system functions.



localhost / X | localhost / X

?route=/table/sql&db=university&table=section

127.0.0.1 » Database: university » Table: section

Structure SQL Search Insert Export Import

SQL query/queries on table university.section:

```
INSERT INTO SECTION(sec_id, semester, YEAR) VALUES ('1', 'Fall', 2017);
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-completed query

Bind parameters

Bookmark this SQL query:

Delimiter : Show this query here again Retain query box Rollback when finished

Console

This screenshot shows a MySQL Workbench interface. The title bar indicates the URL is ?route=/table/sql&db=university&table=section. The main window shows the 'Table: section' tab selected under 'Database: university'. The toolbar includes 'Structure', 'SQL' (which is currently selected), 'Search', 'Insert', 'Export', and 'Import'. Below the toolbar, a message says 'SQL query/queries on table university.section:'. A single SQL query is entered in the text area: 'INSERT INTO SECTION(sec_id, semester, YEAR) VALUES ('1', 'Fall', 2017);'. The bottom of the interface has various buttons for selecting different types of queries (SELECT, INSERT, etc.) and some configuration options like 'Bind parameters', 'Bookmark this SQL query', and 'Delimiter'. The status bar at the bottom shows the word 'Console'.

Browse Structure SQL Search

SQL query/queries on table university.student:

```
1 | SELECT name
2 | FROM student
3 | WHERE dept_name='Comp. Sci.';
```

SELECT * SELECT INSERT UPDATE DELETE
Get auto-saved query
Bind parameters

Showing rows 0 - 24 (108 total, Query took 0.0003 seconds.)

SELECT name FROM student WHERE dept_name='Comp. Sci.';

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

1 ▾

> >>

Show all

Number of rows:

25 ▾

F

Extra options

← T →

name

<input type="checkbox"/>	 Edit	 Copy	 Delete	Rzecz
<input type="checkbox"/>	 Edit	 Copy	 Delete	Oswald
<input type="checkbox"/>	 Edit	 Copy	 Delete	Miao
<input type="checkbox"/>	 Edit	 Copy	 Delete	Haigh
<input type="checkbox"/>	 Edit	 Copy	 Delete	Singhal
<input type="checkbox"/>	 Edit	 Copy	 Delete	Meyl
<input type="checkbox"/>	 Edit	 Copy	 Delete	Kuwadak
<input type="checkbox"/>	 Edit	 Copy	 Delete	Pampal
 Console				Cal



localhost / X | localhost / X |

index.php?route=/table/sql&db=university&table=section

ver: 127.0.0.1 » Database: university » Table: section

Structure SQL Search Insert Export Import Privileges

SQL query/queries on table university.section:

```
1 delete from takes
2 where (course_id = 'CS-001') and (sec_id = '1') and (semester = 'Autumn') and (year = 2009)and
3 (ID in (select ID from student where student.ID=12345));
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

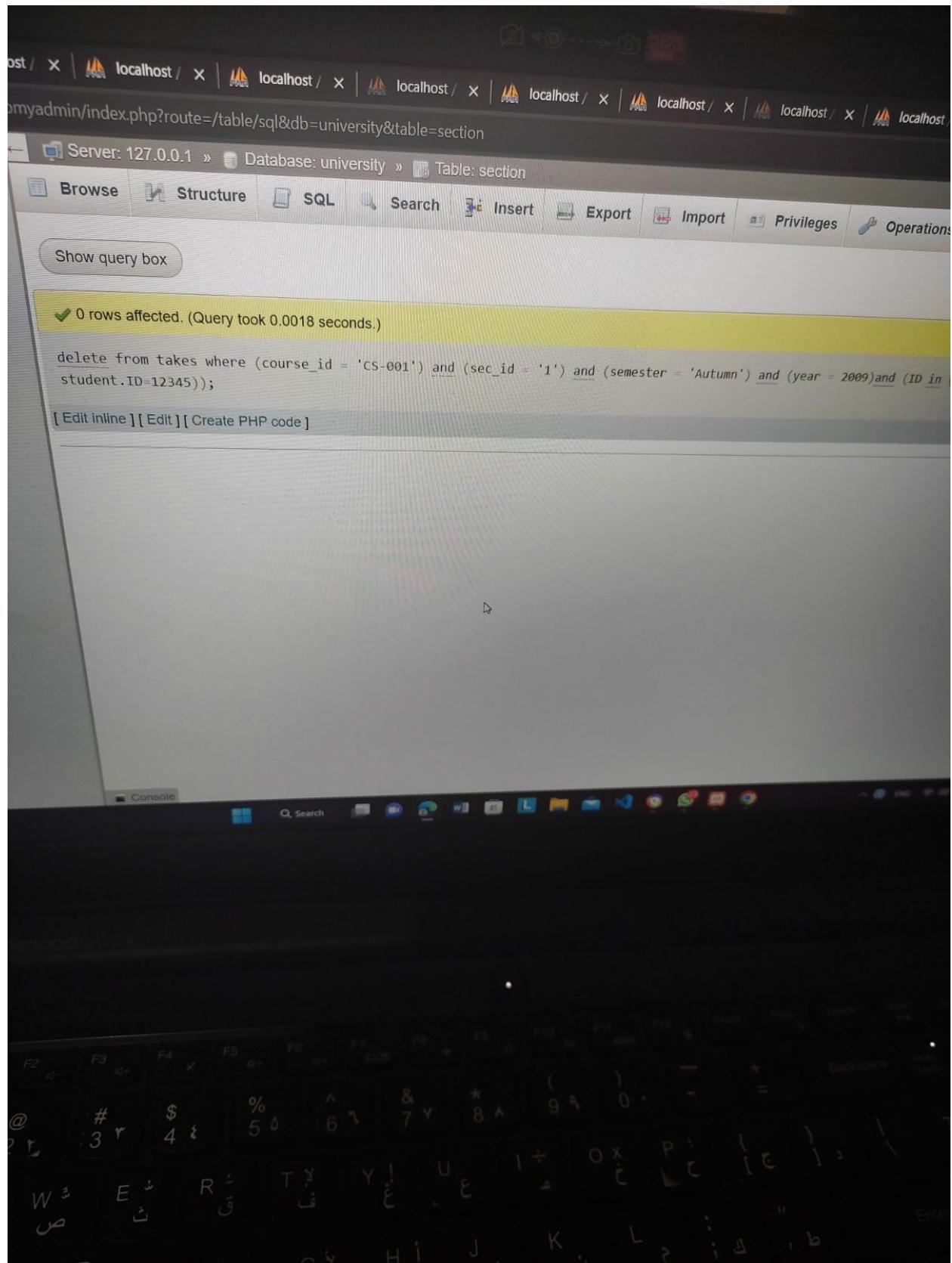
Bind parameters

Bookmark this SQL query:

Delimiter : Show this query here again Retain query box Rollback when finished Enable foreign key checks

Console

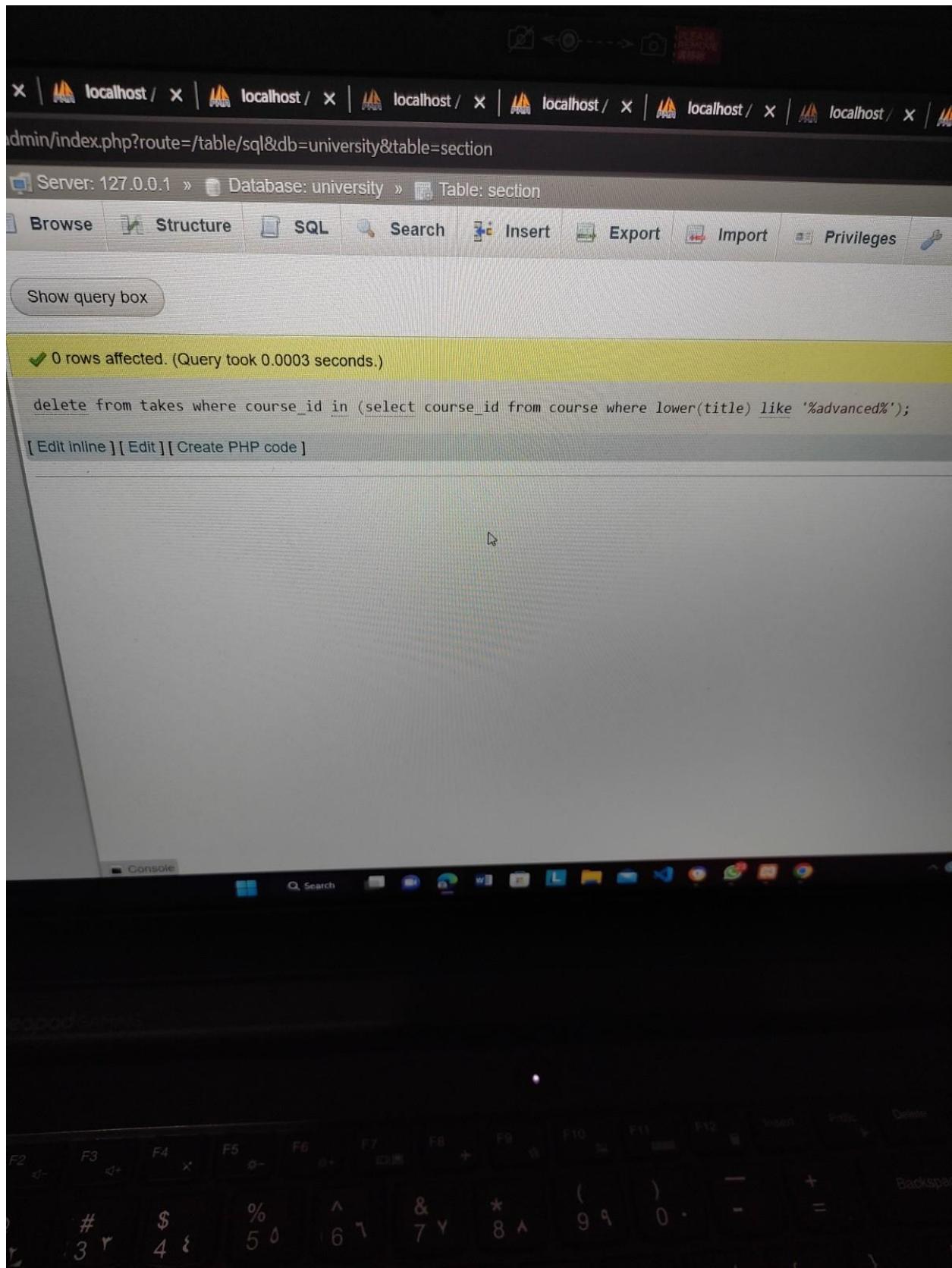
F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 Insert Print Queries



The screenshot shows a MySQL Workbench interface. At the top, there are five tabs labeled 'localhost / X' with the last one partially visible. Below the tabs, the URL is shown as `n/index.php?route=/table/sql&db=university&table=section`. The main title bar indicates the connection details: 'Server: 127.0.0.1 » Database: university » Table: section'. A toolbar below the title bar includes buttons for 'Browse', 'Structure', 'SQL' (which is selected), 'Search', 'Insert', 'Export', and others. A sub-header below the toolbar says 'n SQL query/queries on table university.section:'. The main area contains the following SQL code:

```
1 delete from takes
2 where course_id in (select course_id
3                     from course where lower(title) like '%advanced%');
```

Below the code, there are several buttons: 'SELECT *' (highlighted), 'SELECT', 'INSERT', 'UPDATE', 'DELETE', 'Clear', 'Format', and 'Get auto-saved query'. There are also checkboxes for 'Bind parameters' and 'Bookmark this SQL query'. At the bottom, there are options for 'Delimiter', 'Show this query twice again', 'Retain query log', and 'Rollback when finished'. The bottom navigation bar includes icons for 'Console', 'SQL Editor', 'Table Editor', 'Data Editor', 'Structure Editor', 'File', 'Edit', 'Tools', 'Help', and 'Exit'.



use  Structure  SQL  Search  Insert

SQL query/queries on table university.department: 

```
1 SELECT dept_name  
2 FROM department AS T,department AS P  
3 WHERE T.budget>P.budget AND P.dept_name='Philosophy'  
4 ORDER BY dept_name;
```



SELECT * **SELECT** **INSERT** **UPDATE** **DELETE** **Clear** **Format**

Bind parameters

Bookmark this SQL query

Comment

Enter this query later again

Retain query box

dmin/index.php?route=/table/sql&db=university&table=stu

Server: 127.0.0.1 » Database: university » Table

Browse Structure SQL Search

Run SQL query/queries on table university.student:

```
1 SELECT name, ID  
2 FROM student  
3 WHERE name LIKE 'C%'  
4 ORDER by tot_cred;
```

SELECT * SELECT INSERT UPDATE DELETE Clear

Bind parameters

Bookmark this SQL query:

Delimiter: Show this query here again Retain query box

in/index.php?route=/table/sql&db=university&table=student

Server: 127.0.0.1 » Database: university » Table: student

Browse Structure SQL Search Insert Export Import Privileges

Run SQL query/queries on table university.student:

```
1 SELECT COUNT(ID) AS COUNT
2 FROM student,section
3 ORDER BY section.course_id,section.sec_id,section.year,section.semester,section.room_number;
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

Bind parameters

Bookmark this SQL query:

Delimiter : Show this query here again Retain query box Rollback when finished Enable foreign key checks

Console

F3 F4 F5 F6 F7 F8 F9 F10 F11 F12

\$ % ^ & * () - + =

3 4 5 6 7 8 9 0 . ,

host/phpmyadmin/index.php?route=/table/sql&db=university&table=student

Server: 127.0.0.1 » Database: university » Table: student

Browse Structure SQL Search Insert Export Import

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 COUNT(ID) AS COUNT FROM student,section ORDER BY section.course_id,section.sec_id,section
```

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

Extra options

COUNT

200000

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

F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12

@ # \$ % ^ & * () - + =

2 3 4 5 6 7 8 9 0 .

min/index.php?route=/database/sql&db=employee

Server: 127.0.0.1 » Database: employee » Table: employee

Browse Structure SQL Search Insert

Run SQL query/queries on table employee.employee:

```
1 | SELECT DISTINCT E.person_name, E.ID
2 | FROM employee AS E,works AS W,company AS C
3 | WHERE E.ID=W.ID;
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format

Bind parameters

Delimiter : ; Show this query here again Retain query box Rollba

Console

Search

+

min/index.php?route=/database/sql&db=employee

Server: 127.0.0.1 » Database: employee » Table: employee

Browse Structure SQL Search Insert

Run SQL query/queries on table employee.employee:

```
1 SELECT E.ID,E.person_name
2 from(
3     SELECT E.ID,E.person_name
4     FROM employee AS E,manages AS M
5 )
6 WHERE E.ID=M.ID AND E.city=M.City AND E.street=M.street
7 |
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format
 Bind parameters

php?route=/database/sql&db=employee
127.0.0.1 » Database: employee » Table: employee

Structure SQL Search Insert Export

query/queries on table employee.employee:

```
1 update works set salary = salary * 1.1
2 where works.ID
3 in(select employee.ID
4      from manages)and companyname='First Bank Corporation'
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format

Bind parameters Delimiter : Show this query here again Retain query box

Error

Server: 127.0.0.1 » Database: employee » Table: employee

Browse Structure SQL Search Insert

In SQL query/queries on table employee.employee:

```
1 update works set salary = salary * 1.1
2 where works.ID
3 in(select manages.ID
4      from manages)and companyname='First Bank Corporation'
```

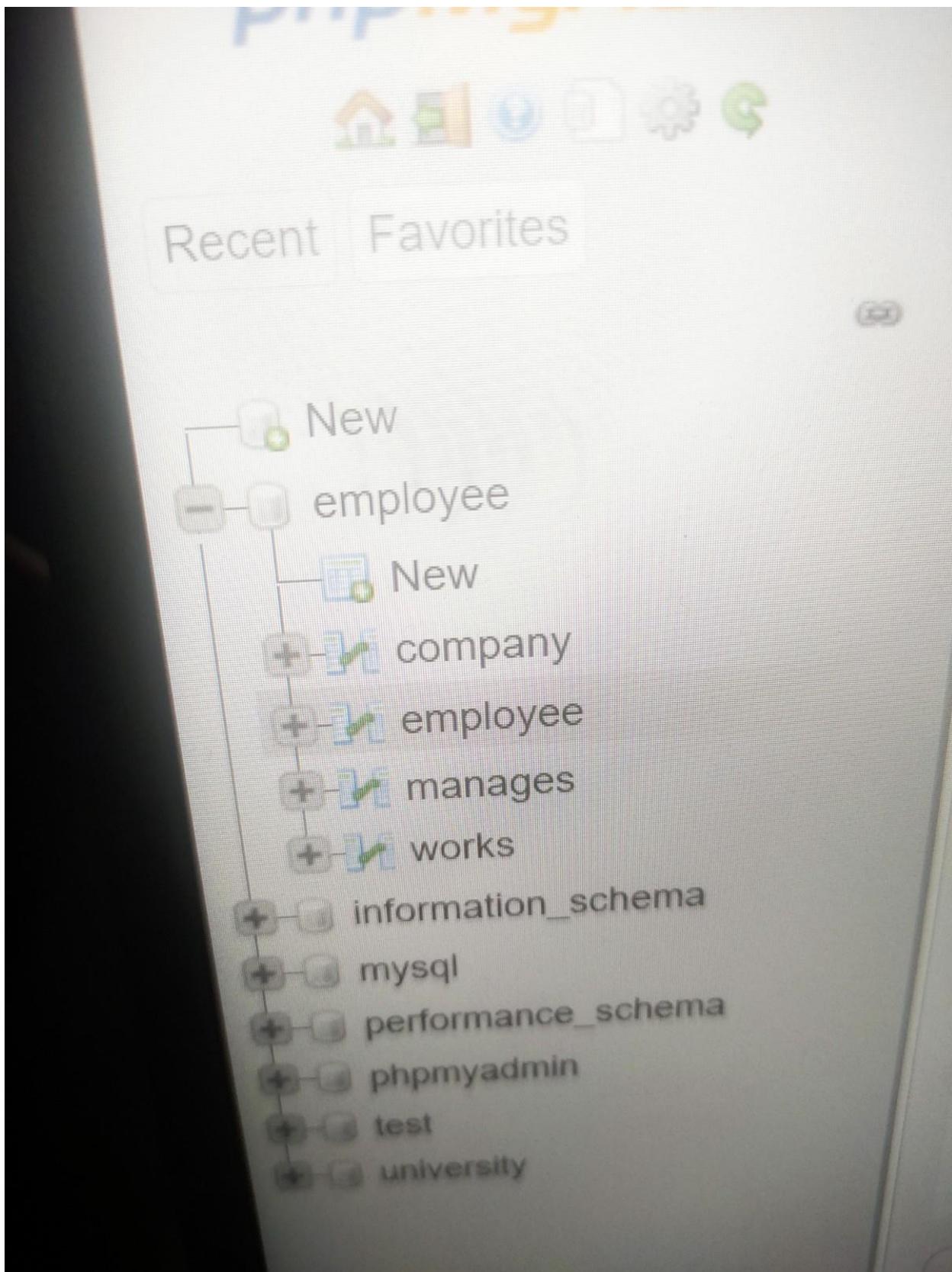
SELECT * SELECT INSERT UPDATE DELETE Clear Format

Bind parameters

Delimiter : Show this query here again Retain query box

Error

Console New



Run SQL query/queries on database employee

```
1 CREATE TABLE employee(  
2   ID Integer,  
3   person_name varchar(20),  
4   street varchar(20),  
5   city varchar(20),  
6   PRIMARY KEY(ID)|  
7 );
```



Clear

Format

Get auto-saved query

Bind parameters

localhost / 127.0.0.1 / employee

admin/index.php?route=/database/sql&db=employee

Server: 127.0.0.1 » Database: employee

Structure SQL Search Query Export

Run SQL query/queries on database employee: 

```
1 CREATE TABLE works(
2 ID Integer,
3 company_name varchar(20),
4 salary DOUBLE,
5 PRIMARY KEY(ID),
6 FOREIGN KEY(ID) REFERENCES employee(ID),
7 FOREIGN KEY(company_name) REFERENCES company(company_name)
8
9 );
```

Clear Format Get auto-saved query

Bind parameters 

Delimiter : Show this query here...

X  localhost / 127.0.0.1 / employee X +

yadmin/index.php?route=/database/sql&db=employee

Server: 127.0.0.1 » Database: employee

Structure SQL Search Query

Run SQL query/queries on database employee: 

```
1 CREATE TABLE company(
2     company_name varchar(20),
3     city    varchar(20),
4     PRIMARY KEY(company_name)
5
6
7 );
```

Clear Format Get auto-saved query

Bind parameters 

localhost:8080/route-/database/sqlxadb-employee

ver: 127.0.0.1 » Database: employee

icture SQL Search Query

SQL query/queries on database employee:

```
1 CREATE TABLE manages(
2   ID INTEGER,
3   manager_id varchar(20),
4   PRIMARY KEY(ID),
5   FOREIGN KEY(id)REFERENCES employee(ID)
6 )
```

Clear

Format

Get out

Run SQL query/queries on database employee

```
1 CREATE TABLE employee(  
2   ID Integer,  
3   person_name varchar(20),  
4   street varchar(20),  
5   city varchar(20),  
6   PRIMARY KEY(ID)|  
7 );
```



Clear

Format

Get auto-saved query

Bind parameters

localhost / 127.0.0.1 / employee X +

index.php?route=/database/sql&db=employee

ver: 127.0.0.1 » Database: employee

icture SQL Search Query Export

QL query/queries on database employee:

```
1 ALTER TABLE works ADD coulmn dept_name varchar(20)
```

Clear Format Get auto-saved query

