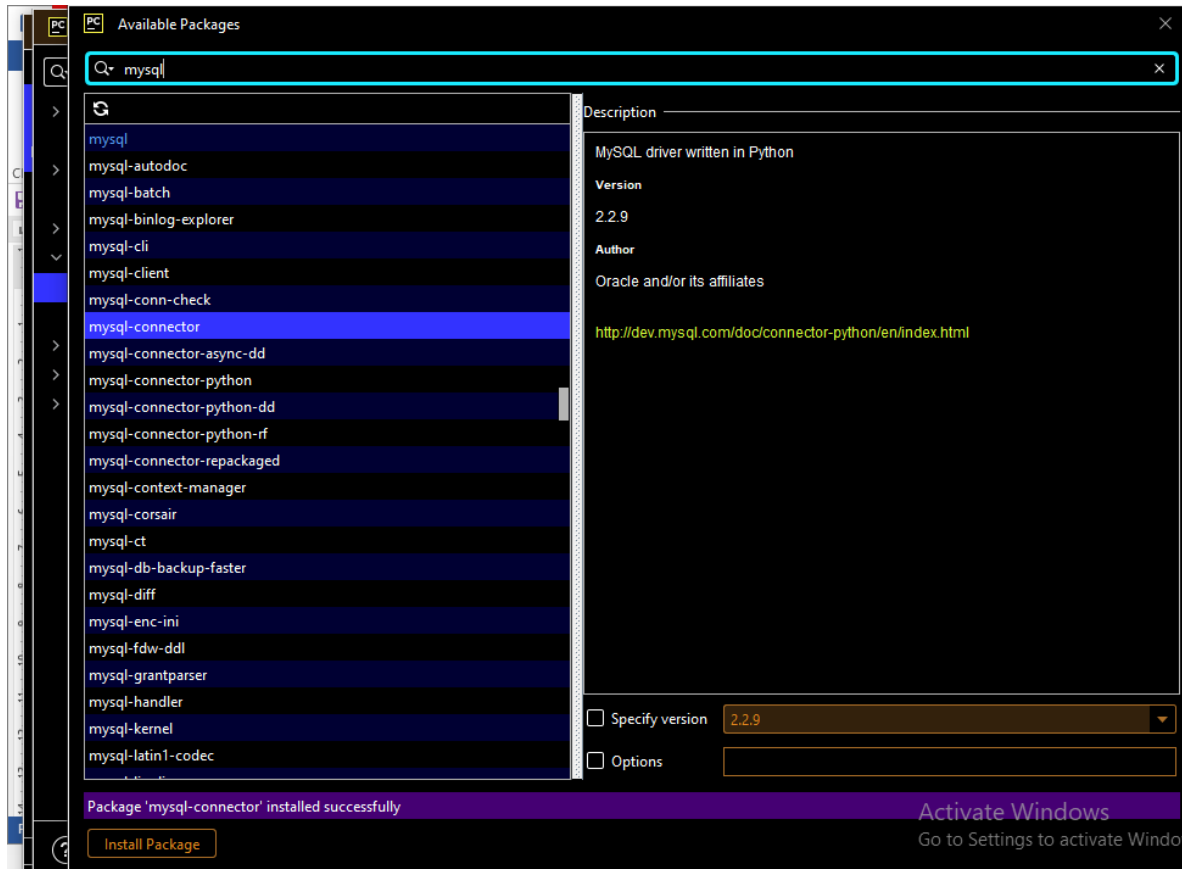
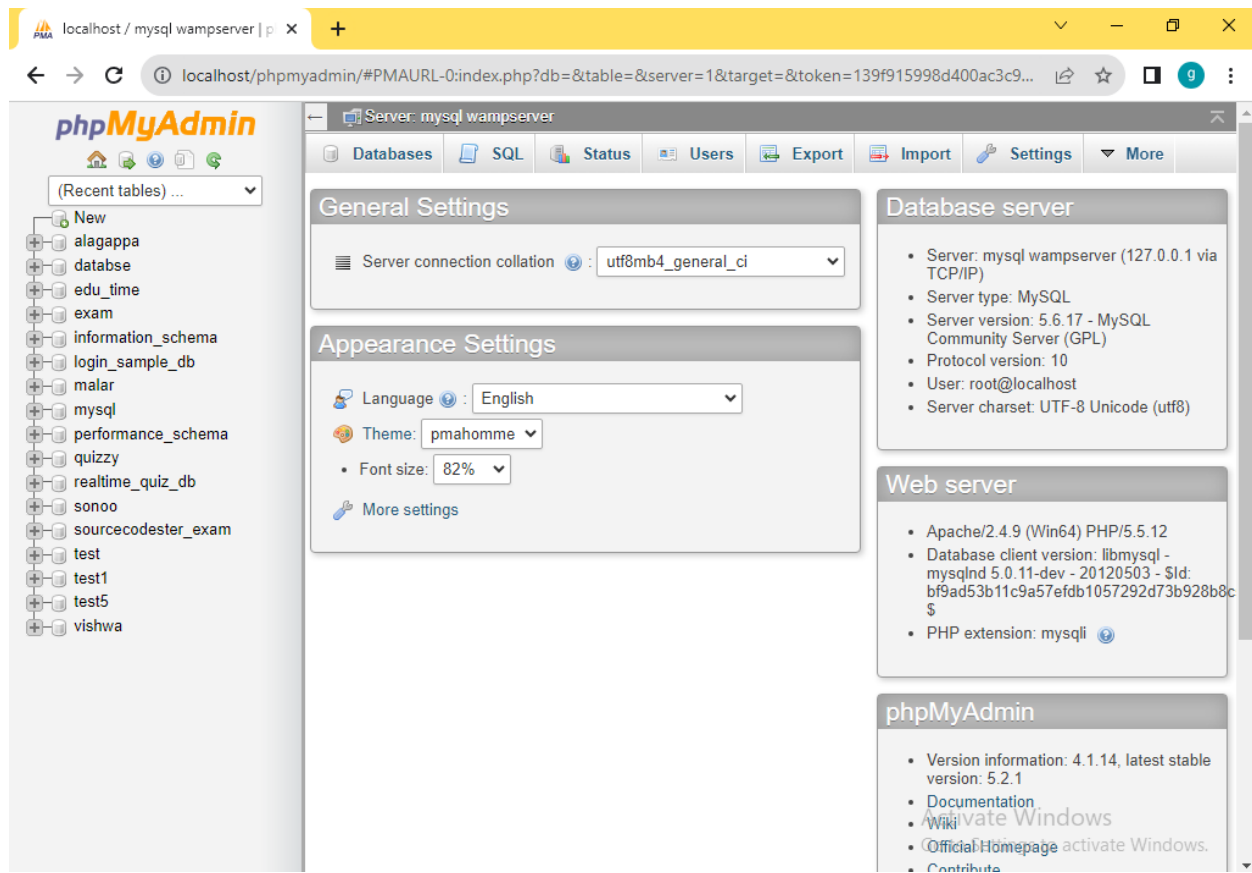


## DB CONNECTIVITY USING PYTHON WITH MYSQL:

1. Goto Settings->Click Python Interpreter->type mysql-connector and click Install Package and after few minutes the mysql-connector installed successfully.



Step2: Type Wampserver in the search. Click to start wampserver. After that see taskbar and W Symbol to left click to phpmyAdmin. See the window as like



**Step3: Click New to create database. See the window as you click.give the database as employees and then click create button.**

localhost / mysql wampserver | p x +

localhost/phpmyadmin/#PMAURL-1:server\_databases.php?db=&table=&server=1&target=&token=139f915998...

### phpMyAdmin

(Recent tables) ...

- New
- alagappa
- database
- edu\_time
- employees
- exam
- information\_schema
- login\_sample\_db
- malar
- mysql
- performance\_schema
- quizzzy
- realtime\_quiz\_db
- sonoo
- sourcecodester\_exam
- test
- test1
- test5
- vishwa

## Databases

Create database

employees Collation Create

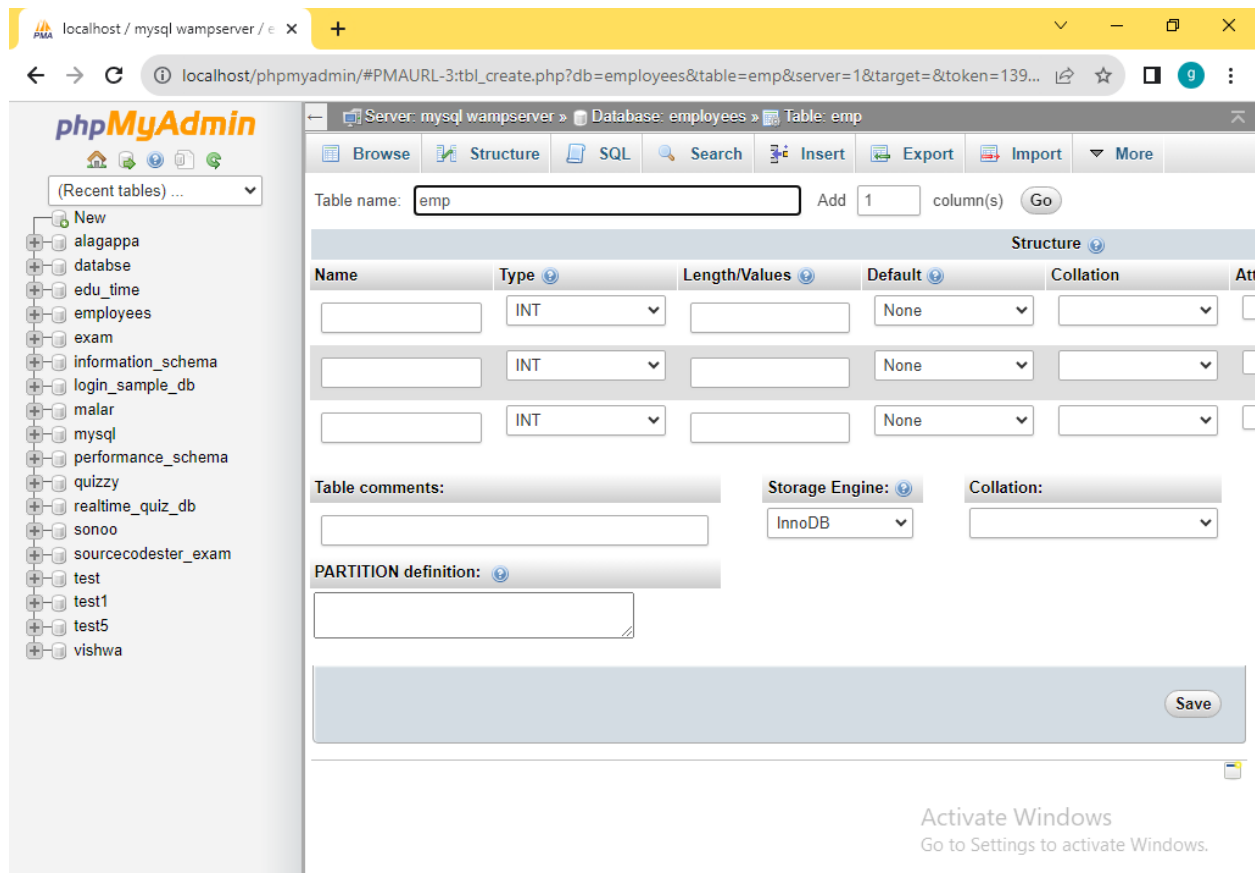
Note: Enabling the database statistics here might cause heavy traffic between the web server and the MySQL server.

Database	Collation	
<input type="checkbox"/> alagappa	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> database	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> edu_time	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> employees	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> exam	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> information_schema	utf8_general_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> login_sample_db	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> malar	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> mysql	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input checked="" type="checkbox"/> performance_schema	utf8_general_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> quizzzy	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> realtime_quiz_db	latin1_swedish_ci	<a href="#">Check Privileges</a>
<input type="checkbox"/> sonoo	latin1_swedish_ci	<a href="#">Check Privileges</a>

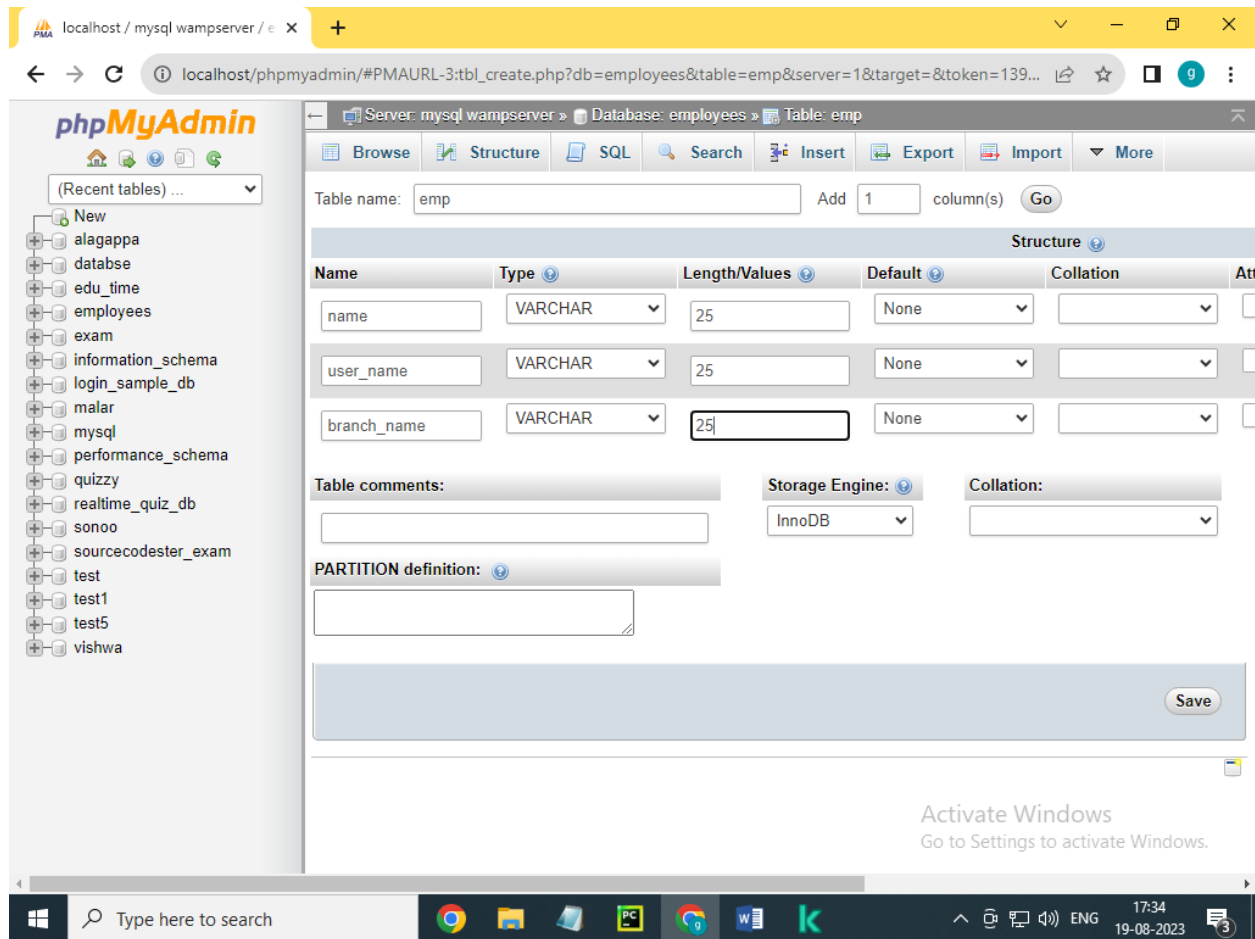
localhost/phpmyadmin/db\_structure.php?server=1&db=sou...

Activate Windows  
Go to Settings to activate Windows.

**Step4: give the table name as emp and click go button.**



**Step5: give the fieldnames and give Name as name, Type as varchar and Length/values this like that we can give user\_name and branch\_name.**



**Step6: After that fieldnames are created we can see like this screen are as follows:**

localhost / mysql wampserver / e x

localhost/phpmyadmin/#PMAURL-4:db\_structure.php?db=employees&table=emp&server=1&target=&token=...

phpMyAdmin

(Recent tables) ...

- New
- alagappa
- database
- edu\_time
- employees
  - New
  - emp
    - Columns
    - New
    - branch\_name
    - name
    - user\_name
- exam
- information\_schema
- login\_sample\_db
- malar
- mysql
- performance\_schema
- quizzzy
- realtime\_quiz\_db
- sonoo
- sourcecodester\_exam
- test
- test1
- test5
- vishwa

Server: mysql wampserver » Database: employees » Table: emp

Browse Structure SQL Search Insert Export Import More

Table	Action	Rows	Type	Collation	Size	Overh
<input type="checkbox"/> emp	Browse Structure Search Insert Empty Drop	~0	InnoDB	latin1_swedish_ci	16 K1B	
1 table	Sum	0	InnoDB	latin1_swedish_ci	16 K1B	

☐ Check All With selected: ▾

Print view Data Dictionary

Create table

Name:  Number of columns:

Go

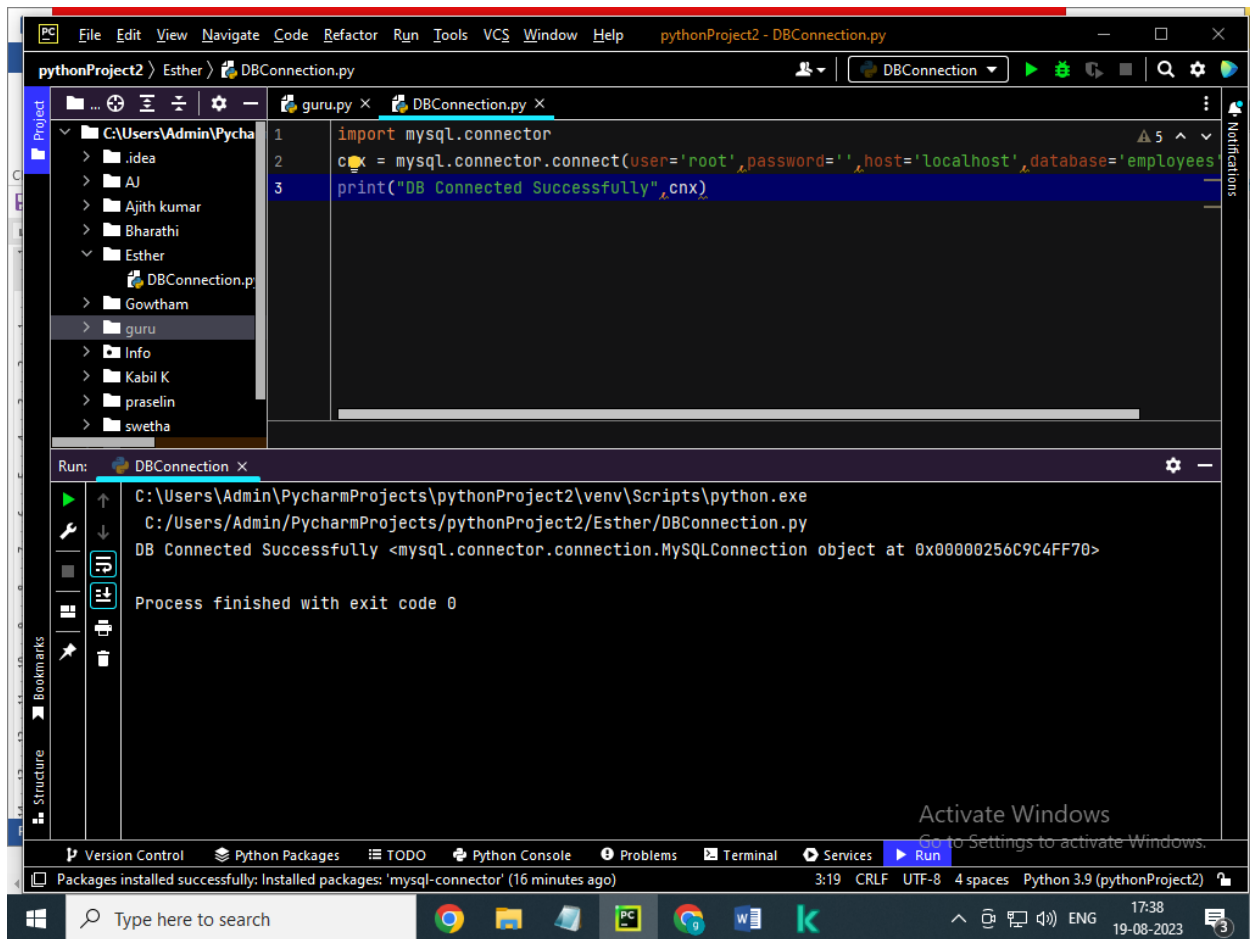
Activate Windows  
Go to Settings to activate Windows.

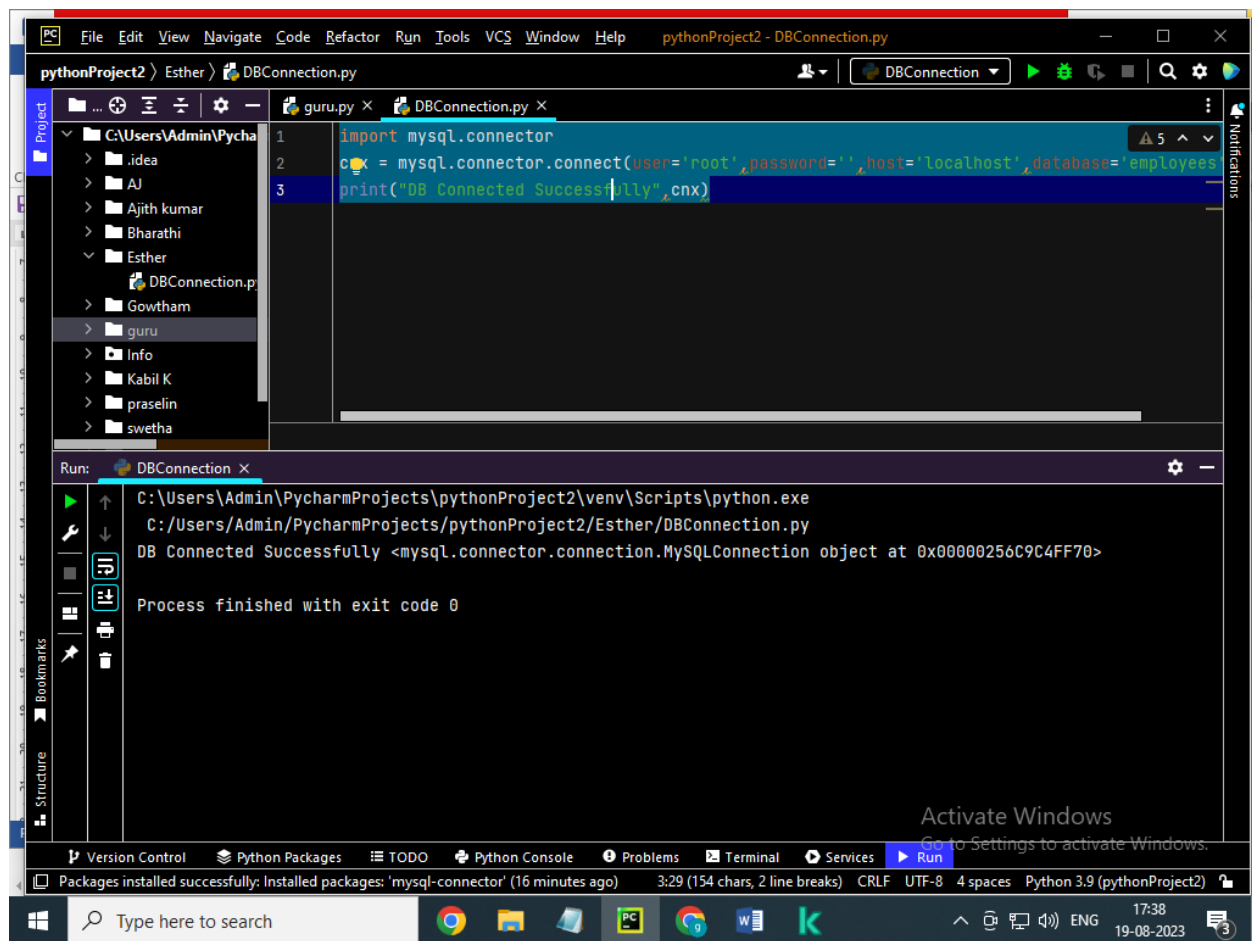
Type here to search

17:35 19-08-2023

## Coding:

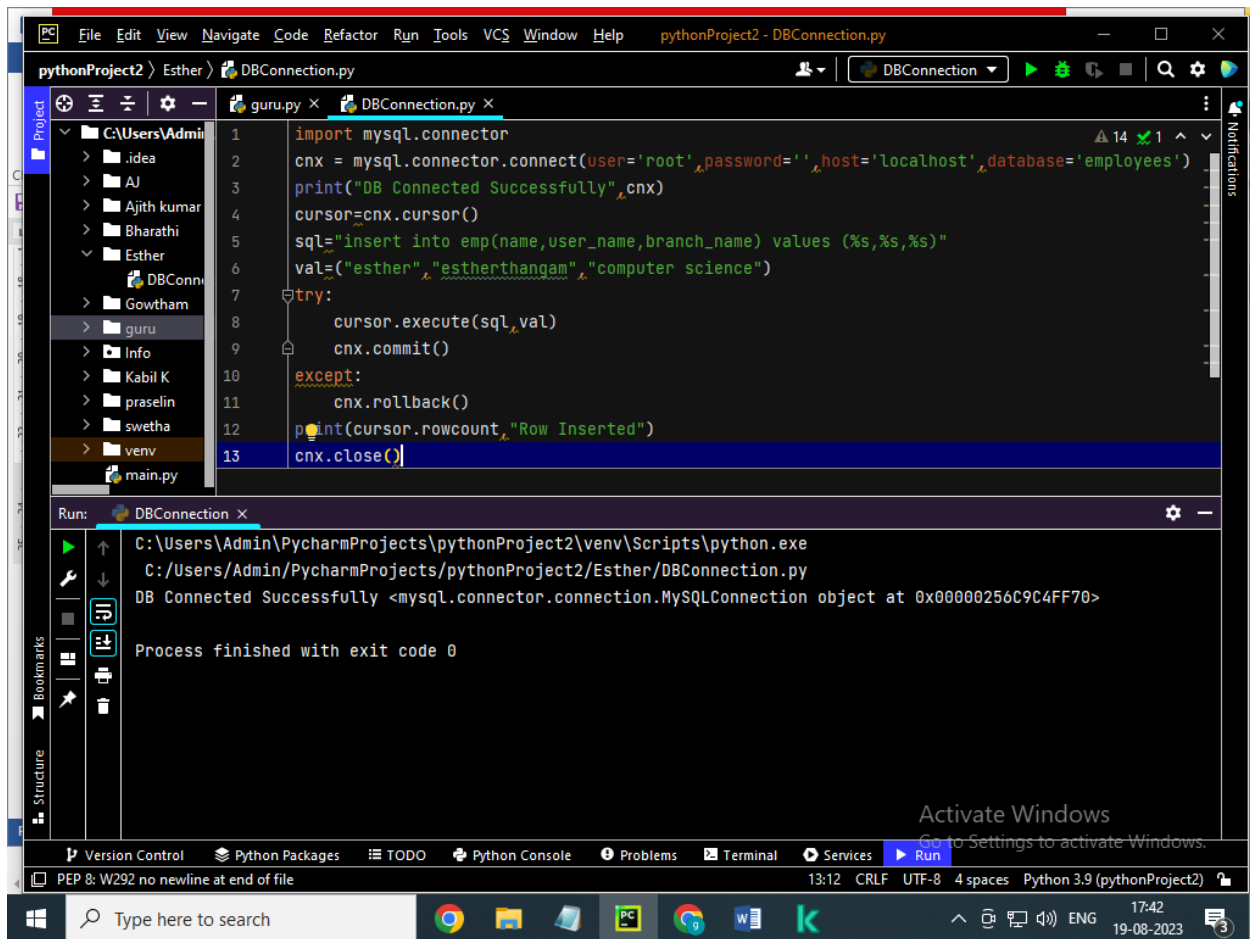
```
import mysql.connector
cnx =
mysql.connector.connect(user='root',password='',host='localhost',database='em
ployees')
print("DB Connected Successfully",cnx)
```



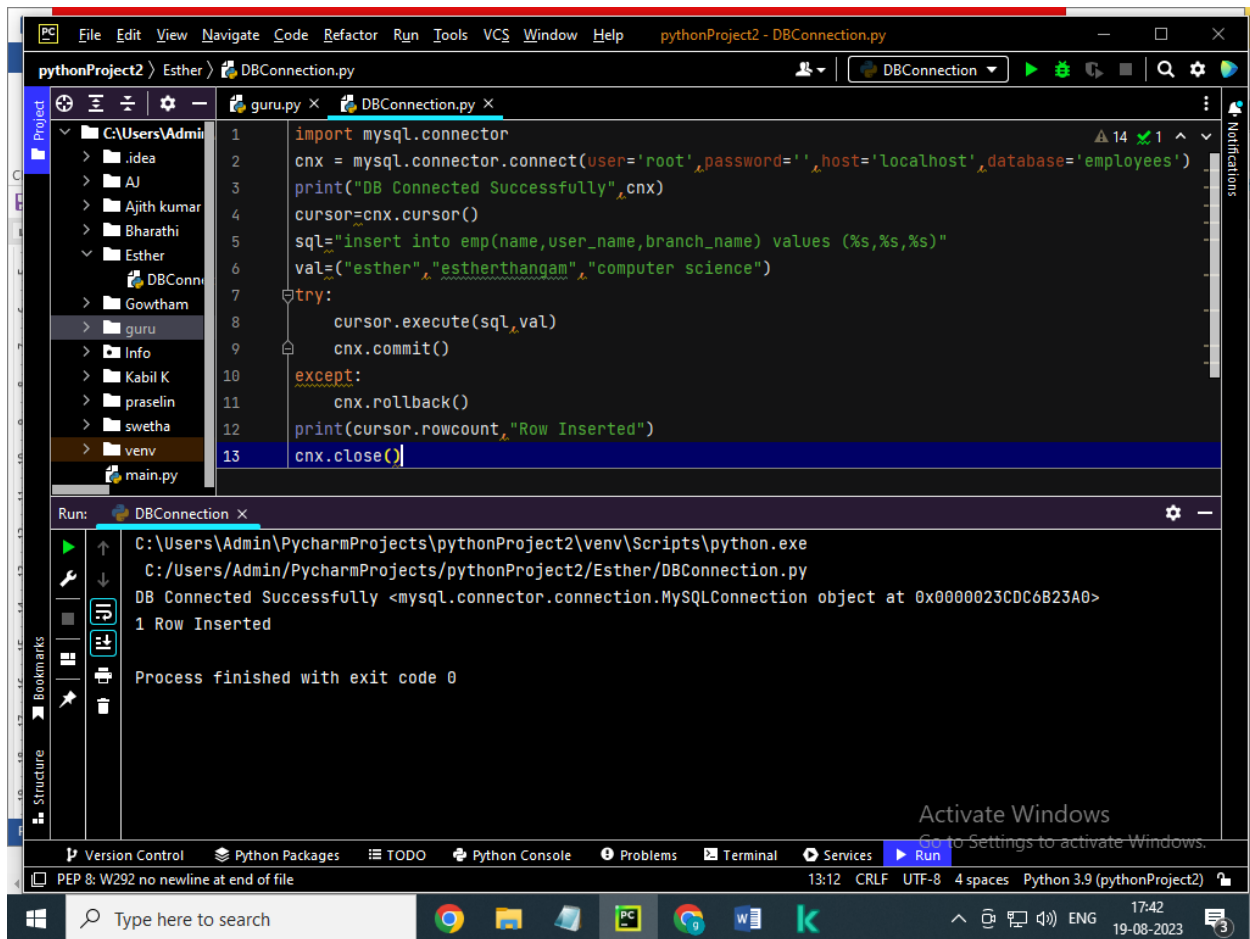


**Insert records:**





Output:



localhost / mysql wampserver / e x

localhost/phpmyadmin/#PMAURL-5:tbl\_sql.php?db=employees&table=emp&server=1&target=&token=139f91...

phpMyAdmin

Server: mysql wampserver » Database: employees » Table: emp

Browse Structure SQL Search Insert Export Import More

Run SQL query/queries on database employees:

1 SELECT \* FROM `emp` WHERE 1

Columns  
name  
user\_name  
branch\_name

SELECT \* SELECT INSERT UPDATE DELETE Clear

[ Delimiter ; ] ☒ Show this query here again ☐ Retain query box Go

localhost/phpmyadmin/tbl\_sql.php?db=employees&table=e...

Activate Windows  
Go to Settings to activate Windows.

Type here to search

17:50  
19-08-2023

localhost / mysql wampserver / e x

localhost/phpmyadmin/#PMAURL-5:tbl\_sql.php?db=employees&table=emp&server=1&target=&token=139f91...

phpMyAdmin

(Recent tables) ...

- New
- alagappa
- database
- edu\_time
- employees
  - New
  - emp
    - Columns
      - New
      - branch\_name
      - name
      - user\_name
- exam
- information\_schema
- login\_sample\_db
- malar
- mysql
- performance\_schema
- quizzzy
- realtime\_quiz\_db
- sonoo
- sourcecodester\_exam
- test
- test1
- test5
- vishwa

Server: mysql wampserver » Database: employees » Table: emp

Browse Structure SQL Search Insert Export Import More

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 - 0 (1 total, Query took 0.0006 sec)

```
SELECT * FROM `emp` WHERE 1
```

☐ Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Number of rows: 25

+ Options

name	user_name	branch_name
esther	estherthangam	computer science

Number of rows: 25

Query results operations

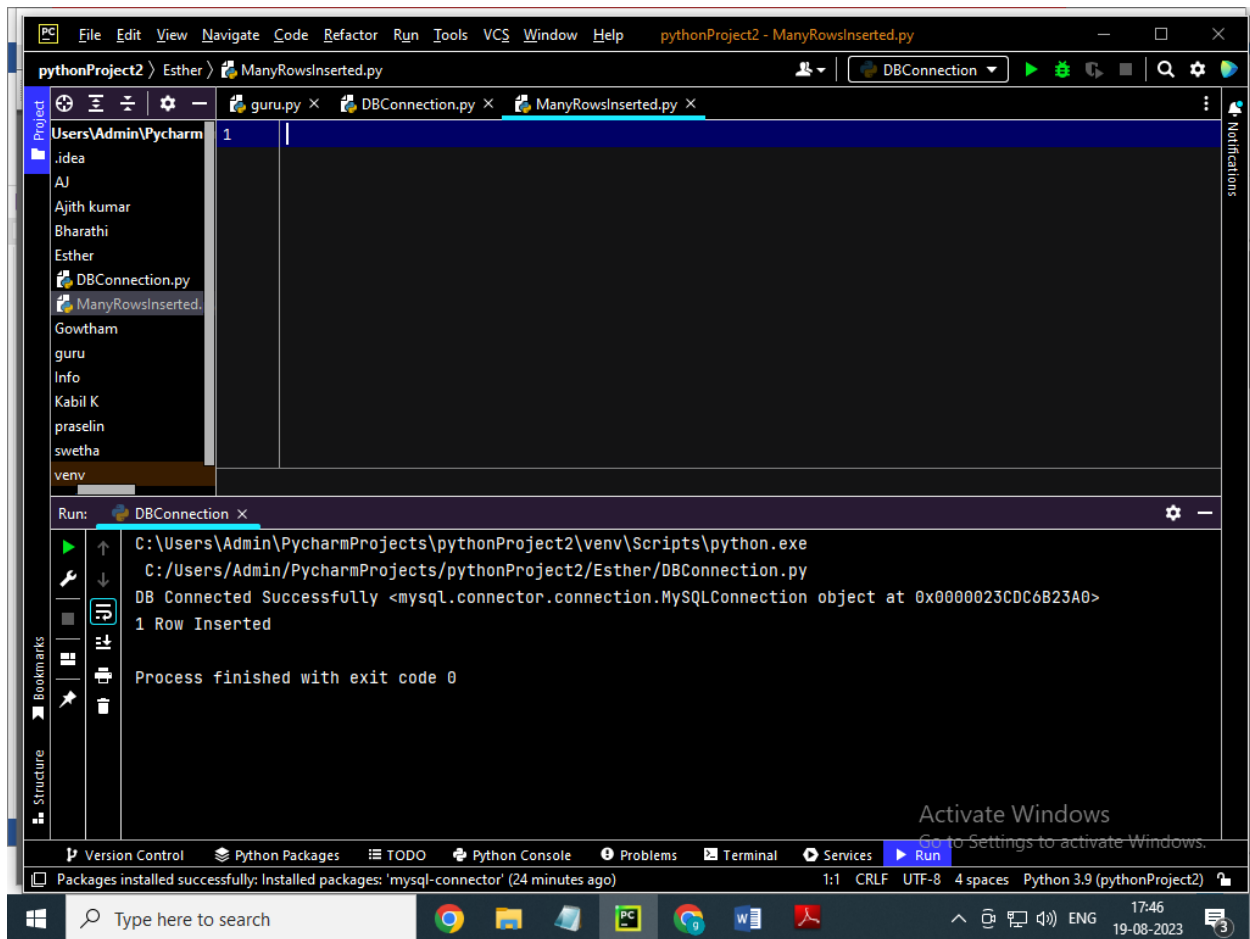
Print view Print view (with full texts) Export Display chart Create view

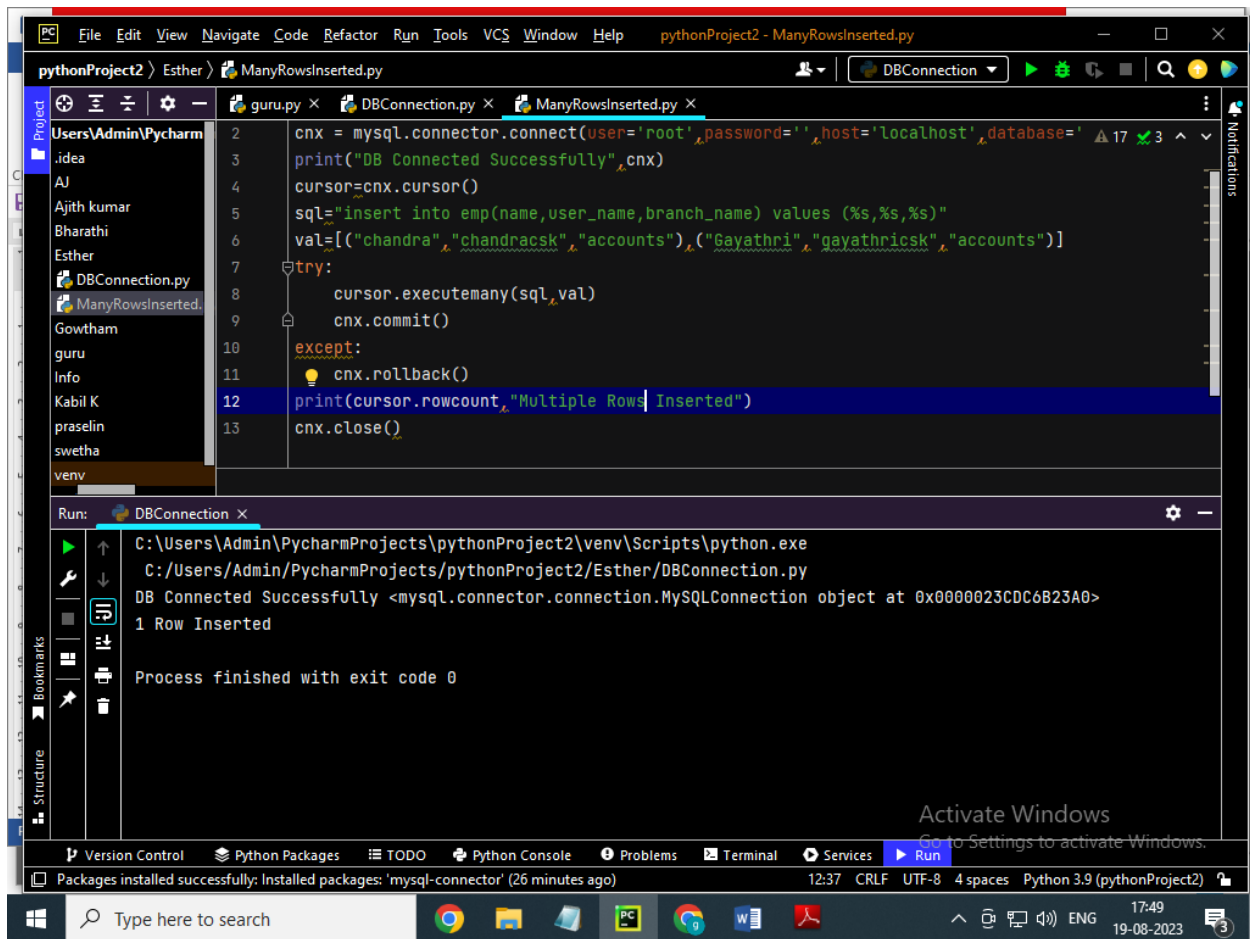
Activate Windows  
Go to Settings to activate Windows.

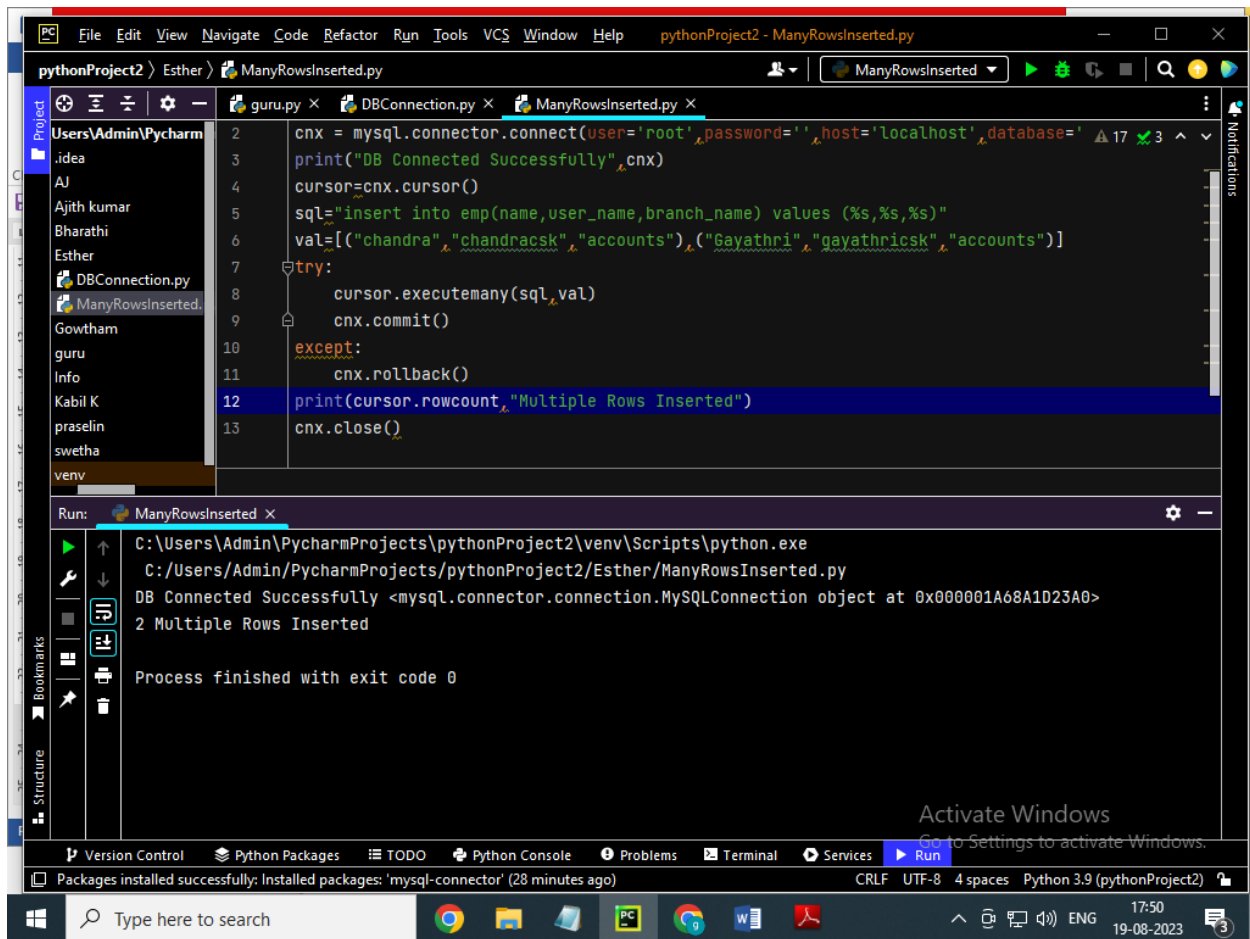
Type here to search

17:50  
19-08-2023

**Multiple row records inserted:**







localhost / mysql wampserver / e x

localhost/phpmyadmin/tbl\_sql.php?db=employees&table=emp&server=1&target=&token=139f915998d400ac...

phpMyAdmin

Server: mysql wampserver » Database: employees » Table: emp

Browse Structure SQL Search Insert Export Import More

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 0.0004 sec)

`SELECT * FROM `emp` WHERE 1`

☐ Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Number of rows: 25

+ Options

name	user_name	branch_name
esther	estherthangam	computer science
chandra	chandrask	accounts
Gayathri	gayathricsk	accounts

Number of rows: 25

Query results operations

Print view Print view (with full texts) Export Display chart Create view

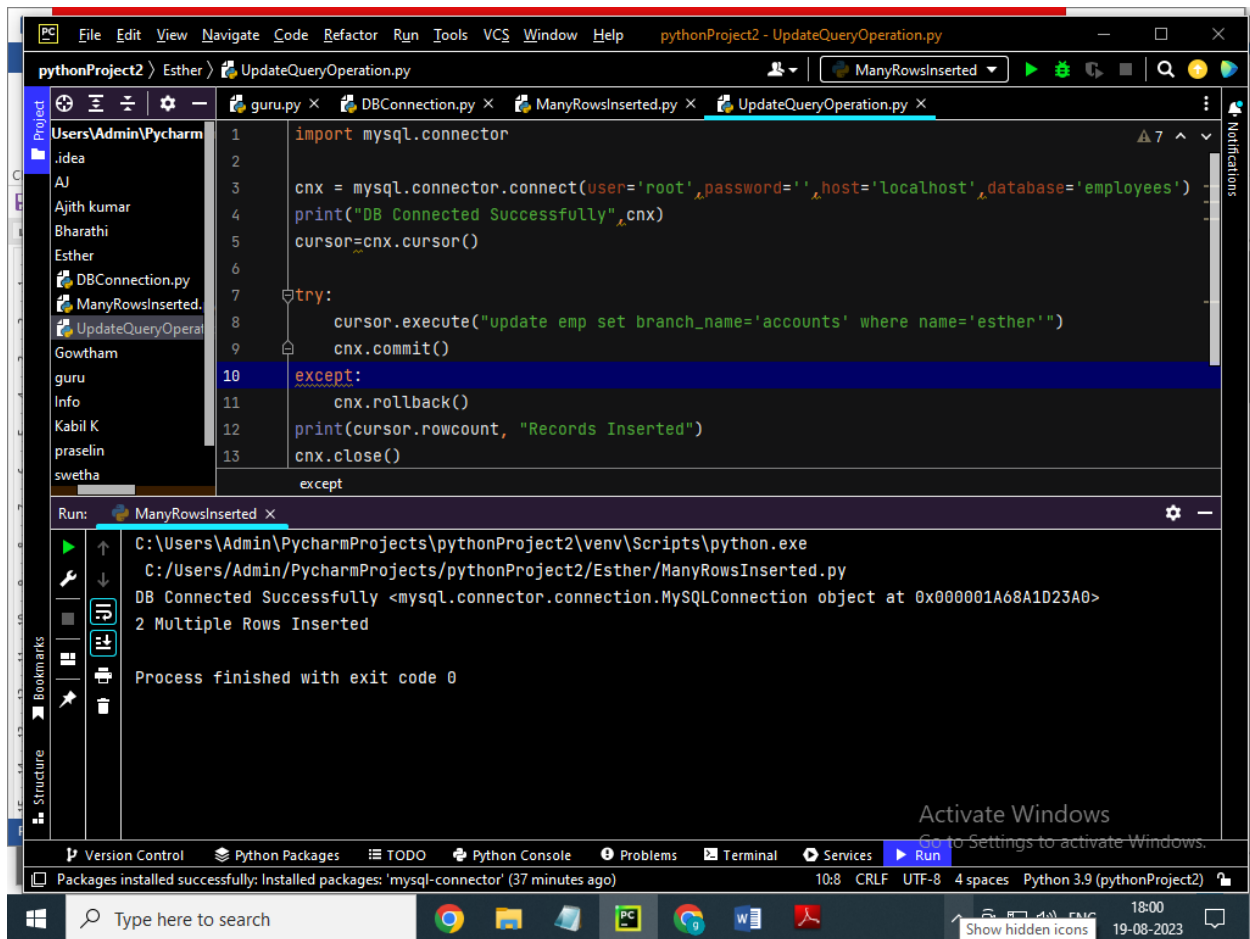
Activate Windows  
Go to Settings to activate Windows.

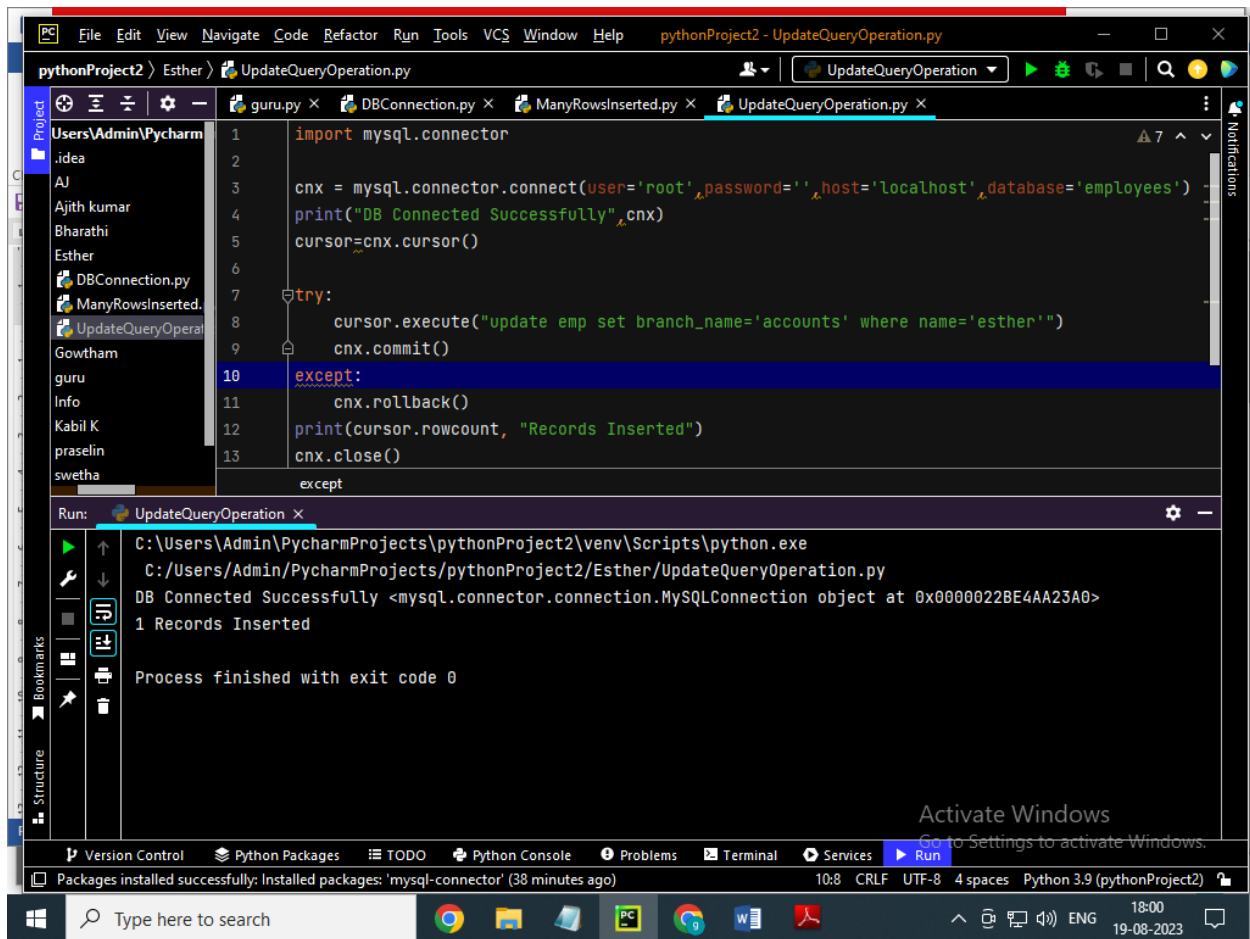
Type here to search

17:51  
19-08-2023

## Update Records







localhost / mysql wampserver / e x

localhost/phpmyadmin/tbl\_sql.php?db=employees&table=emp&server=1&target=&token=139f915998d400ac...

phpMyAdmin

Server: mysql wampserver » Database: employees » Table: emp

Browse Structure SQL Search Insert Export Import More

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 0.0007 sec)

`SELECT * FROM `emp` WHERE 1`

☐ Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Number of rows: 25

+ Options

name	user_name	branch_name
esther	estherthangam	accounts
chandra	chandrask	accounts
Gayathri	gayathricsk	accounts

Number of rows: 25

Query results operations

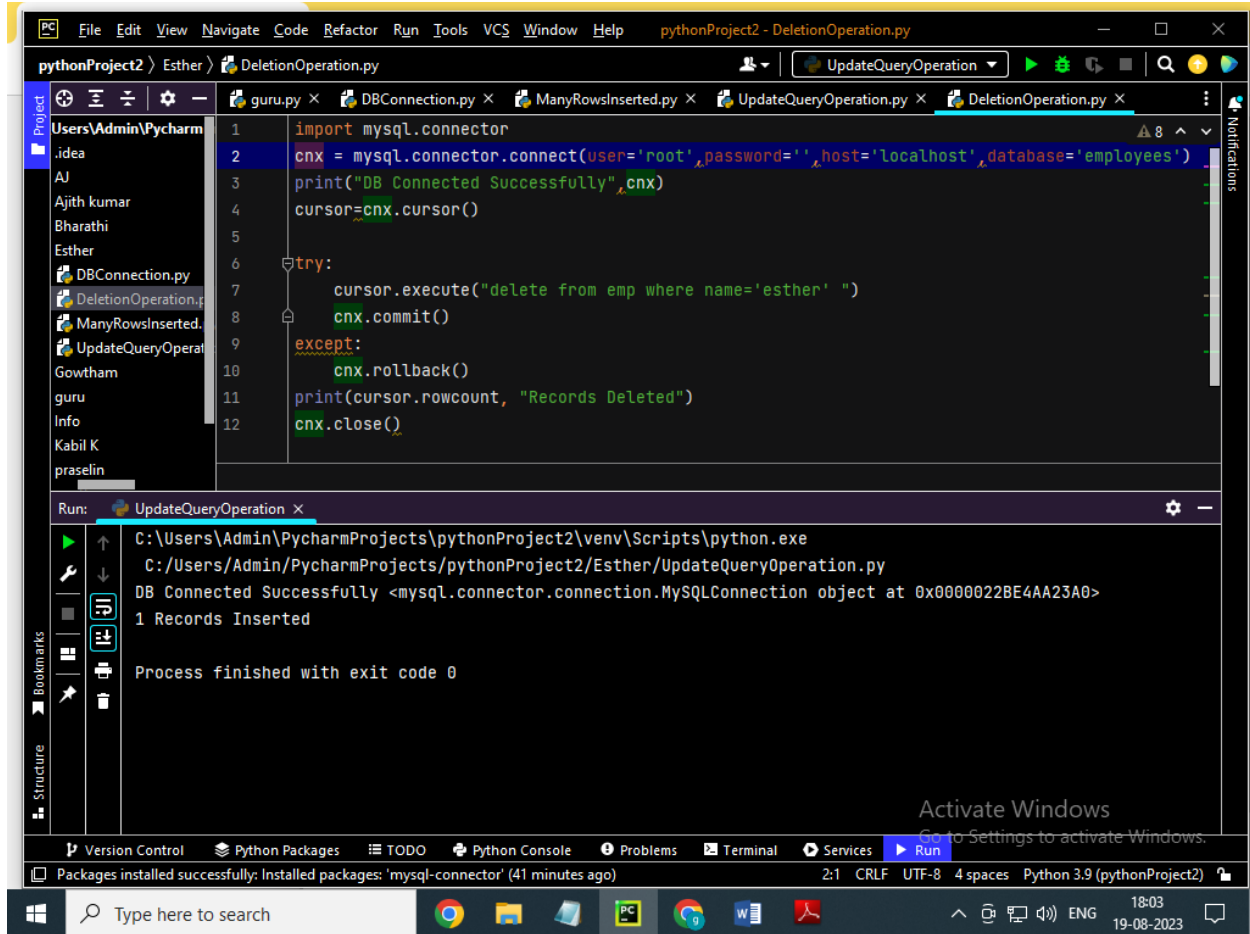
Print view Print view (with full texts) Export Display chart Create view

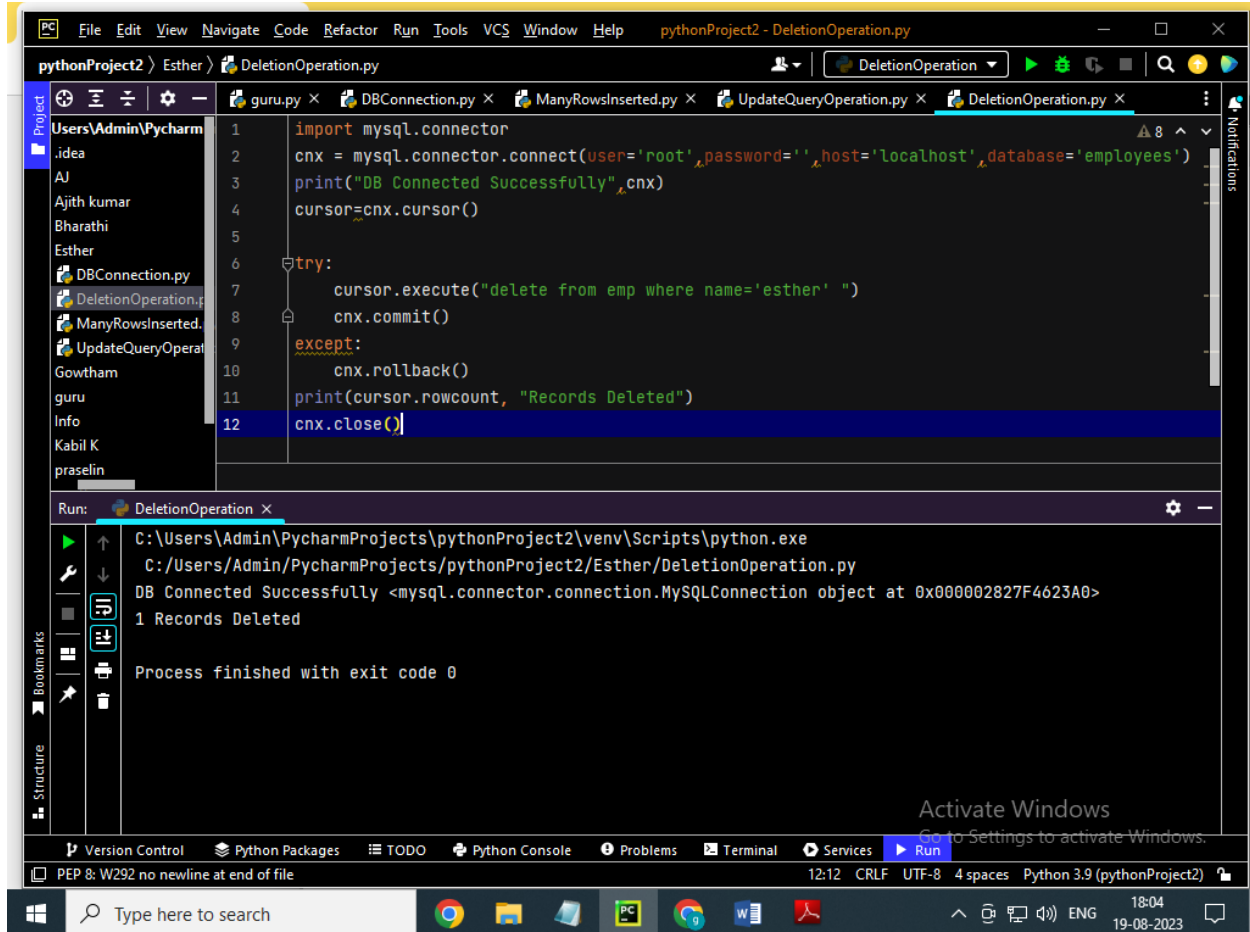
Activate Windows  
Go to Settings to activate Windows.

Type here to search

18:01  
19-08-2023

## Deletion Records:





localhost / mysql wampserver / e x

localhost/phpmyadmin/tbl\_sql.php?db=employees&table=emp&server=1&target=&token=139f915998d400ac...

phpMyAdmin

Server: mysql wampserver » Database: employees » Table: emp

Browse Structure SQL Search Insert Export Import More

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 0.0154 sec)

```
SELECT * FROM `emp` WHERE 1
```

☐ Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Number of rows: 25

+ Options

name	user_name	branch_name
chandra	chandracsk	accounts
Gayathri	gayathricsk	accounts

Number of rows: 25

Query results operations

Print view Print view (with full texts) Export Display chart Create view

Windows Taskbar: Type here to search, 18:04, 19-08-2023

**Read Operation:**

