

PHP

**Manage more options of Database
through PhpMyAdmin and php script**

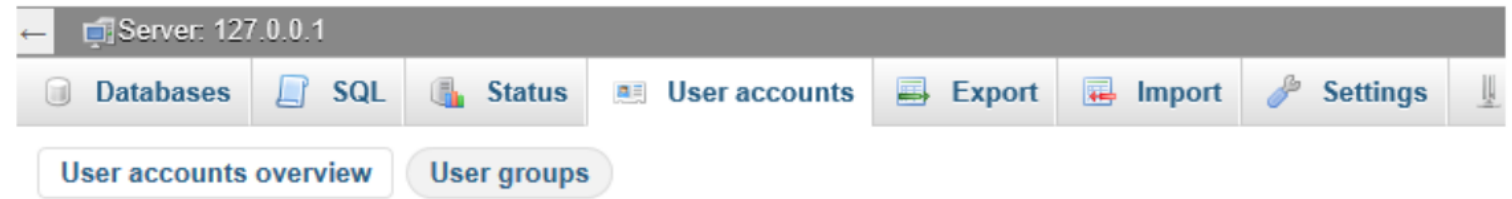
Change Admin password

Step 1: Run XAMPP Application

Step 2: open PhpMyAdmin page on a new tab













Step 3: click on user accounts

Step 4: click on Edit privileges



User accounts overview

⚠ A user account allowing any user from localhost to connect is present. This will prevent other users from connecting if host. ?

	User name	Host name	Password	Global privileges ?	User group	Grant	Action
<input type="checkbox"/>	Any	%	No ?	USAGE		No	 Edit privileges  Export
<input type="checkbox"/>	Any	localhost	No	USAGE		No	 Edit privileges  Export
<input type="checkbox"/>	pma	localhost	No	USAGE		No	 Edit privileges  Export
<input type="checkbox"/>	root	127.0.0.1	Yes	ALL PRIVILEGES		Yes	 Edit privileges  Export
<input type="checkbox"/>	root	::1	No	ALL PRIVILEGES		Yes	 Edit privileges  Export
<input checked="" type="checkbox"/>	root	localhost	Yes	ALL PRIVILEGES		Yes	 Edit privileges  Export

Step 5: click on change password, then click on “Go”

The screenshot shows the MySQL Server Administration web interface. At the top, there's a navigation bar with tabs: Databases, SQL, Status, User accounts, and Export. Below this, there's a sub-navigation bar with buttons: Global, Database, Change password (highlighted with a red checkmark), and Login Information. The main heading is "Edit privileges: User account 'root'@'localhc'". Below the heading is a warning box: "Note: You are attempting to edit privileges of the user with which you are currently logged in". The "Change password" section is active, showing options for "No Password" and "Password:". The "Password:" option is selected. There are two input fields: "Enter:" and "Re-type:", both containing masked characters. A red circle highlights these two input fields. To the right of the "Enter:" field is a "Strength:" indicator showing a red bar and the text "Very weak". Below the input fields is a "Password Hashing:" dropdown menu set to "Native MySQL authentication". At the bottom, there's a "Generate password" section with a "Generate" button and an empty text box.

Server: 127.0.0.1

Databases SQL Status User accounts Export

Global Database **Change password** Login Information

Edit privileges: User account 'root'@'localhc'

⚠ Note: You are attempting to edit privileges of the user with which you are currently logged in

Change password

☐ No Password

☒ Password:

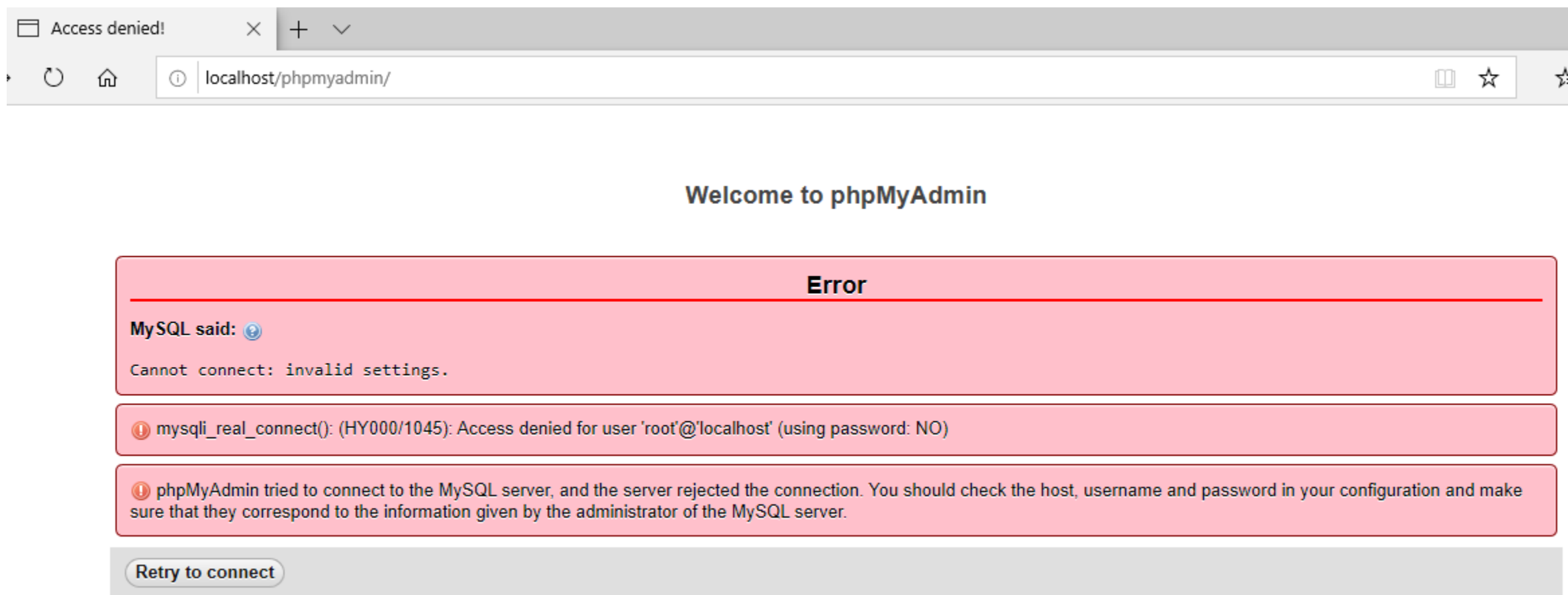
Enter: Strength: Very weak

Re-type:

Password Hashing: Native MySQL authentication ▾

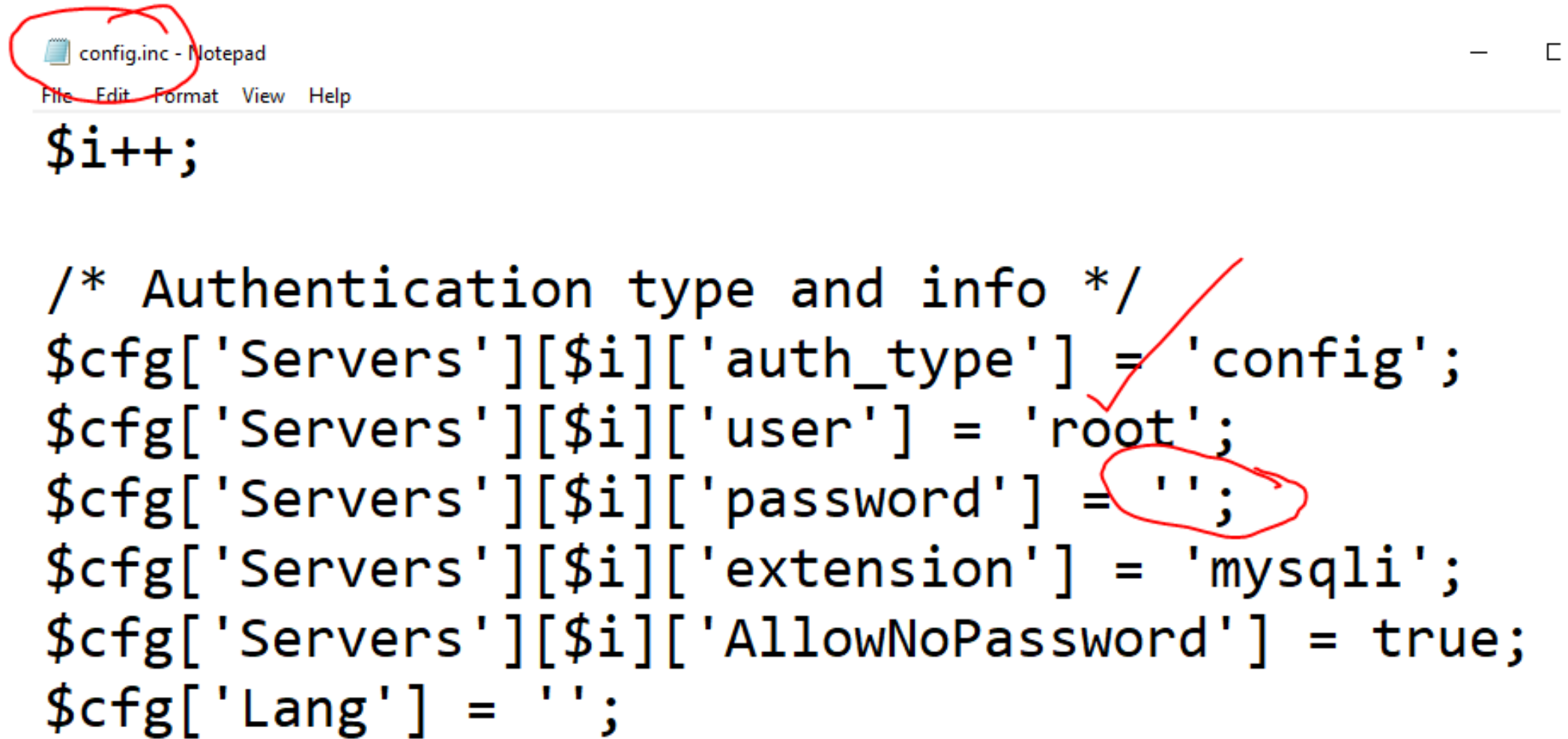
Generate password **Generate**

This error message will appear if you try to access phpmyadmin after changing password, so we need to update configuration file



Step 6: select config.inc.php file from C-> xampp->PhpMyAdmin

Step 7: update password field



```
config.inc - Notepad
File Edit Format View Help

$i++;

/* Authentication type and info */
$cfg['Servers'][$i]['auth_type'] = 'config';
$cfg['Servers'][$i]['user'] = 'root';
$cfg['Servers'][$i]['password'] = '';
$cfg['Servers'][$i]['extension'] = 'mysqli';
$cfg['Servers'][$i]['AllowNoPassword'] = true;
$cfg['Lang'] = '';
```

Create database

Open another file dbop.php in C->xampp->htdocs and add the content

```
*dbop - Notepad
File Edit Format View Help
<?php
// 1. database credentials
$host = "localhost";
$username = "root";
$password = "root@123";

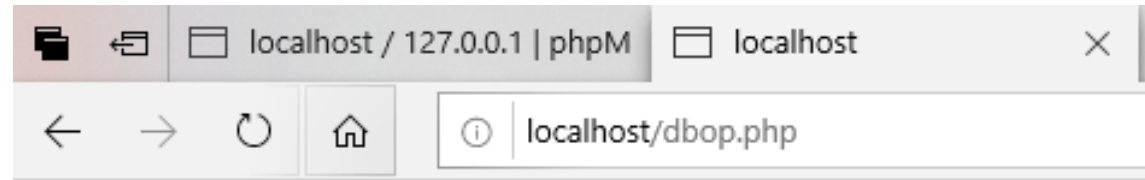
// 2. connect to database
$con =mysqli_connect($host,$username,$password)
or
    die("Connection failed");

    echo "<br/>". "connection success";

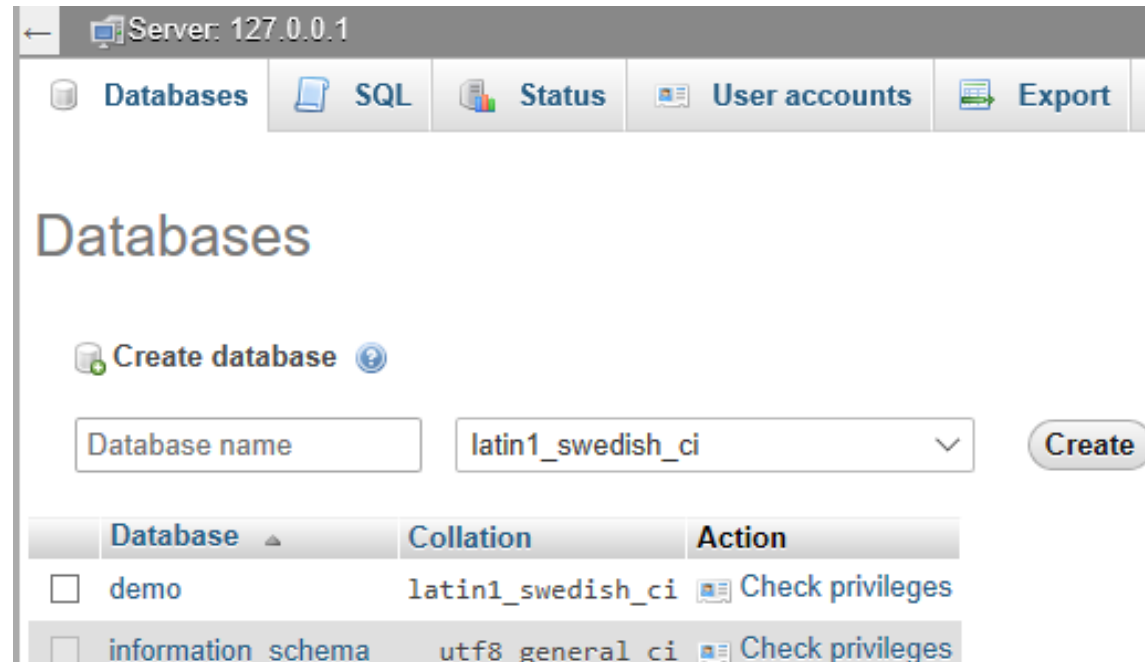
// 3. craete database
$crtddb = "CREATE DATABASE demo";

$result = mysqli_query($con,$crtddb) or
die("Error querying the database");
|
echo "<br/>". "Database created successfully";
?>
```

Run dbop.php in a new tab



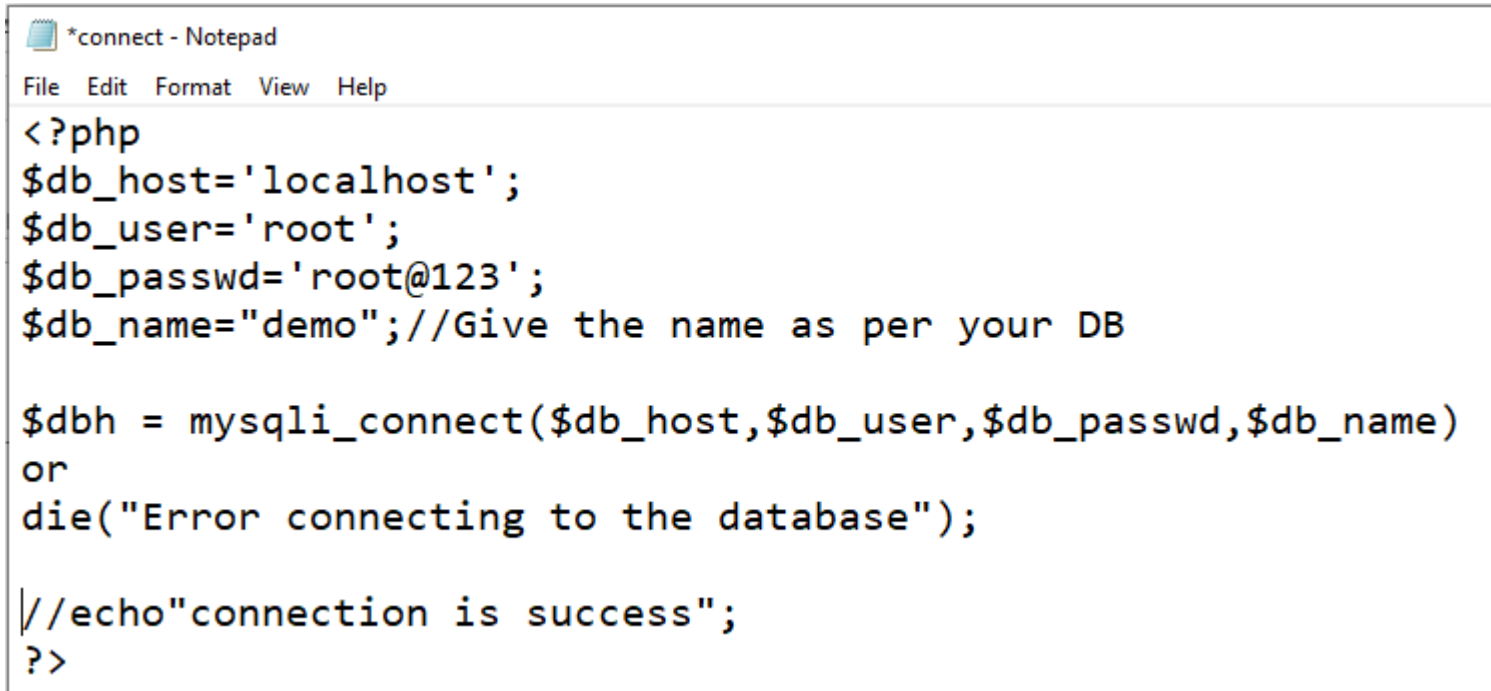
connection success
Database created successfully



Go and refresh phpmyadmin page you can see that the new database demo is created

Create table

Maintain two files, one for storing connection (connect.php) details and another (dbop.php) for other activities



```
*connect - Notepad
File Edit Format View Help
<?php
$db_host='localhost';
$db_user='root';
$db_passwd='root@123';
$db_name="demo";//Give the name as per your DB

$dbh = mysqli_connect($db_host,$db_user,$db_passwd,$db_name)
or
die("Error connecting to the database");

//echo"connection is success";
?>
```




dbop - Notepad

File Edit Format View Help

```
<?php
include("connect.php");

$crttb = "CREATE TABLE user_info(
id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
name VARCHAR(20) NOT NULL,
age INT(6) NOT NULL,
gender CHAR(1) NOT NULL)";

$result = mysqli_query($dbh,$crttb) or
die("Error querying the database");

echo "<br/>". "table created successfully";
?>
```

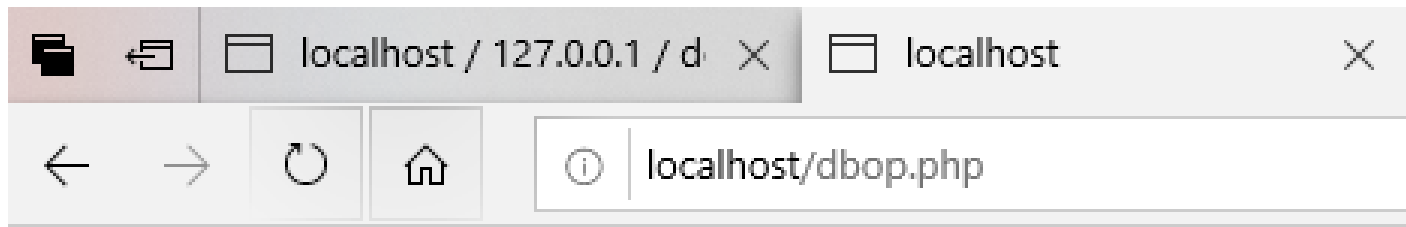
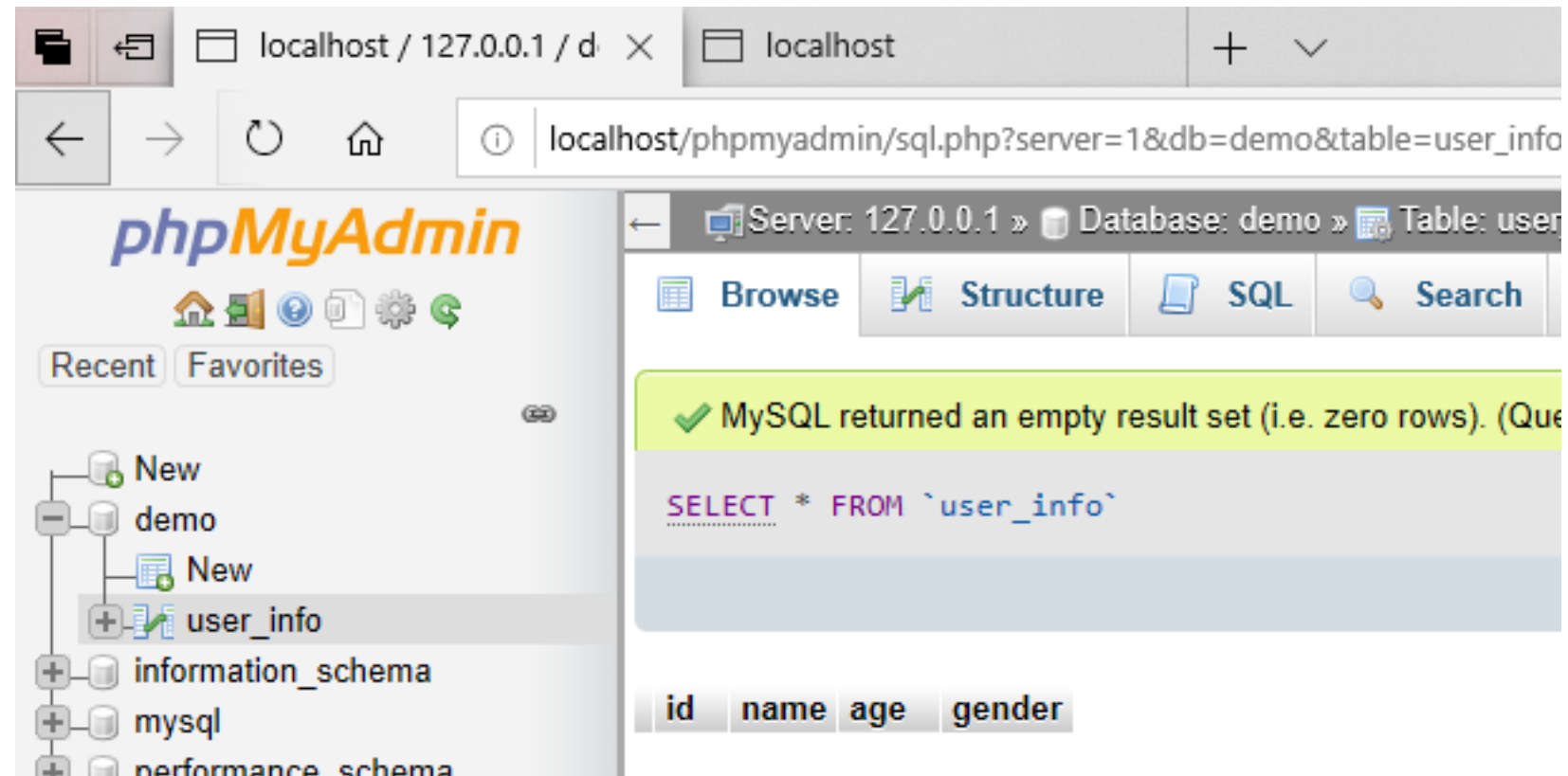


table created successfully

Go and refresh phpmyadmin page you can see that the new table user-info is created under demo database



Insert data

dbop - Notepad


File Edit Format View Help

```
<?php
include("connect.php");

$ins = "INSERT INTO user_info (name, age, gender)
VALUES ('james', '32', 'M')";

$result = mysqli_query($dbh,$ins) or
die("Error querying the database");

echo "<br/>". "data inserted successfully";
?>
```



No need of
value for id as
we made it as
auto
increment

Go and refresh
phpmyadmin page

Server: 127.0.0.1 » Database: demo » Table: user_info

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [In](#)

✓ Showing rows 0 - 0 (1 total, Query took 0.0022 seconds.)

```
SELECT * FROM `user_info`
```

☐ Show all | Number of rows: 25 ▾ | Filter rows:

+ Options

	id	name	age	gender
<input type="checkbox"/> Edit Copy Delete	1	james	32	M

Task:- Try the same insert command with different values

Present status of user_info table

Server: 127.0.0.1 » Database: demo » Table: user_info

Browse Structure SQL Search Insert

✓ Showing rows 0 - 2 (3 total, Query took 0.0017 seconds.)

```
SELECT * FROM `user_info`
```

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

+ Options

					id	name	age	gender		
<input type="checkbox"/>		Edit		Copy		Delete	1	james	32	M
<input type="checkbox"/>		Edit		Copy		Delete	2	joseph	35	M
<input type="checkbox"/>		Edit		Copy		Delete	3	Mary	28	F

Retrieve data and print

```
*dbop - Notepad
File Edit Format View Help

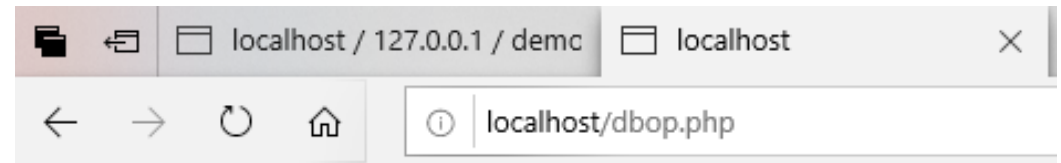
<?php
include("connect.php");

$sel = "SELECT name,age,gender FROM user_info";

$result = mysqli_query($dbh,$sel) or
die("Error querying the database");

while($row = mysqli_fetch_assoc($result))
{
echo "NAME:". $row['name']."AGE:". $row['age']."Gender:". $row['gender']."<br/>";
}
?>
```

Run and verify the output



NAME:jamesAGE:32Gender:M
NAME:josephAGE:35Gender:M
NAME:MaryAGE:28Gender:F

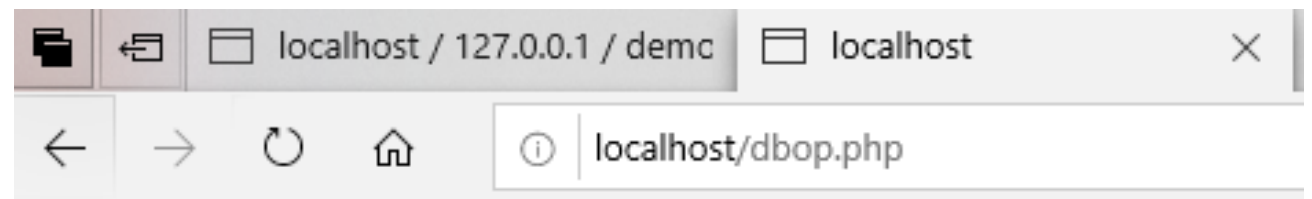
```
<?php
include("connect.php");

$sel = "SELECT name,age FROM user_info WHERE gender='F'";

$result = mysqli_query($dbh,$sel) or
die("Error querying the database");


while($row = mysqli_fetch_assoc($result))
{
echo "NAME:". $row['name']."AGE:". $row['age']."<br/>";
}

?>
```



NAME:MaryAGE:28

Update data

 dbop - Notepad
File Edit Format View Help

```
<?php
include("connect.php");

$sel = " UPDATE user_info SET age='30' WHERE id='3'";

$result = mysqli_query($dbh,$sel) or
die("Error querying the database");

?>
```


Before update

Server: 127.0.0.1 » Database: demo » Table: user_info

Showing rows 0 - 2 (3 total, Query took 0.0017 seconds.)

```
SELECT * FROM `user_info`
```

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

+ Options

				id	name	age	gender
<input type="checkbox"/>	Edit	Copy	Delete	1	james	32	M
<input type="checkbox"/>	Edit	Copy	Delete	2	joseph	35	M
<input type="checkbox"/>	Edit	Copy	Delete	3	Mary	28	F

After update

Server: 127.0.0.1 » Database: demo » Table: user_info

Showing rows 0 - 2 (3 total, Query took 0.0142 seconds.)

```
SELECT * FROM `user_info`
```

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

+ Options

				id	name	age	gender
<input type="checkbox"/>	Edit	Copy	Delete	1	james	32	M
<input type="checkbox"/>	Edit	Copy	Delete	2	joseph	35	M
<input type="checkbox"/>	Edit	Copy	Delete	3	Mary	30	F