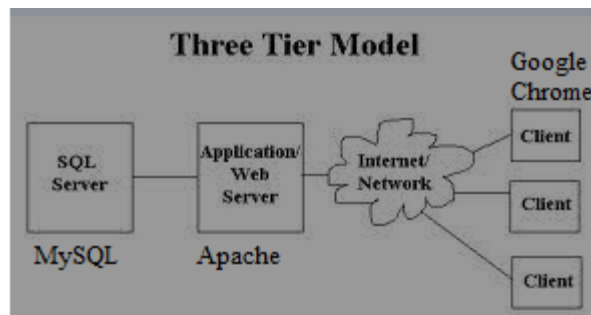


|                     |   |
|---------------------|---|
| <b>Course</b>       | <b>: BIC 21404 Database</b>   |
| <b>Session</b>      | <b>: II 2024/2025</b>   |
| <b>Lab sheet</b>    | <b>: 8i</b>   |
| <b>Objective</b>    | <b>: Students will be able to create login page to access table mysql using php</b>   |
| <b>Lab activity</b> | <b>: </b> <ul style="list-style-type: none"><li>• <b>Install Adobe Dreamweaver CS4</b></li><li>• <b>Create Table Login</b></li><li>• <b>Design Login page using Dreamweaver and php</b></li></ul> |

### What is web application?

A web application is a computer program that utilizes web browsers and web technology to perform tasks over the Internet. It calls 3-tier architecture. The web application requires a web server to manage requests from the client, an application server to perform the tasks requested, and, sometimes, a database to store the information.



XAMPP is an open source server set up to test projects on local servers before making them available to everyone over the web. This web application development server is pre -installed with Apache web servers, MySQL as the database server and here we use PHP as our programming language.

### Database connectivity PHP & MySQL

Please refer to this website for MySQL database connection using PHP

**NOTE ! :** [https://www.w3schools.com/php/php\\_mysql\\_connect.asp](https://www.w3schools.com/php/php_mysql_connect.asp)

### Three ways of working with PHP and MySQL:

- MySQLi (object-oriented)
- MySQLi (procedural)
- PDO

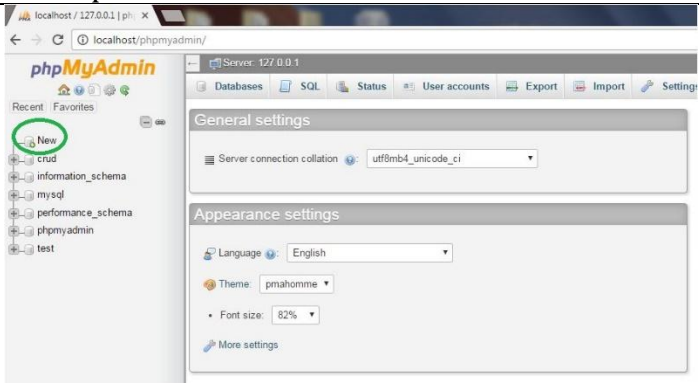
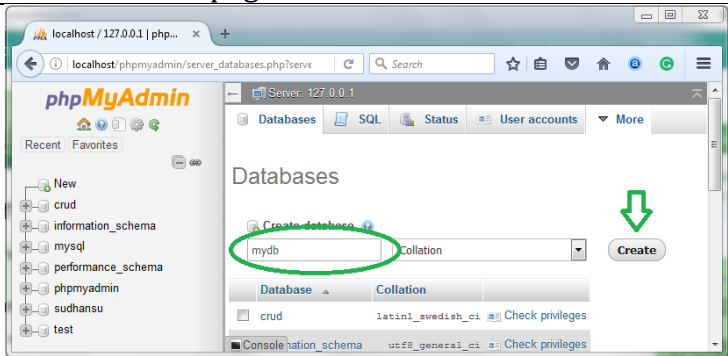
### What are the needed for Lab 8.

1. XAMPP
2. Web Authoring Software (i.e. Dreamweaver, VSC)

### How to create a database & table in PhpMyAdmin XAMPP

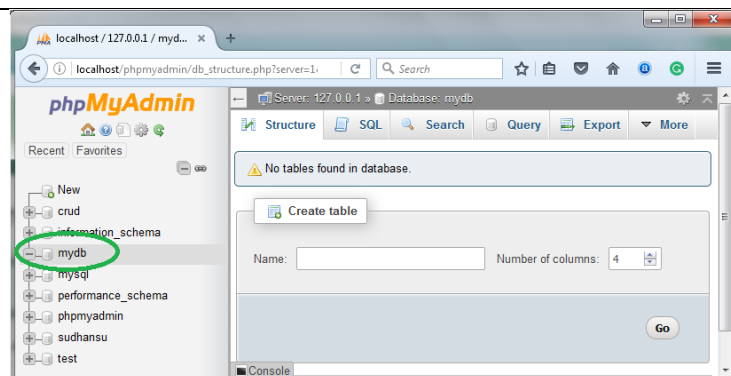
- To start any kind of project in PHP you need to create a database and table in PhpMyAdmin.

### Exercise 1: Database

| Step  | Description   |
|---|---|
| 1. Start XAMPP or WAMPP server. Then go to the link bar of your browser and type <b>localhost/phpmyadmin</b> and click enter. |  <p>Then click on the new button that is available on the sidebar of that page.</p>   |
| 2. Create database  |  <ul style="list-style-type: none"> <li>Put a name of your own choice on the create database field and click on the <b>create</b> button.</li> <li>Now <b>create a table in PhpMyAdmin</b> under the database that you have created currently.</li> <li>Note: You can't create table if you do not have a database so first create database.</li> </ul> |

3. Click on the database name in which under you create a table. After click on the database name, you find a page like that.

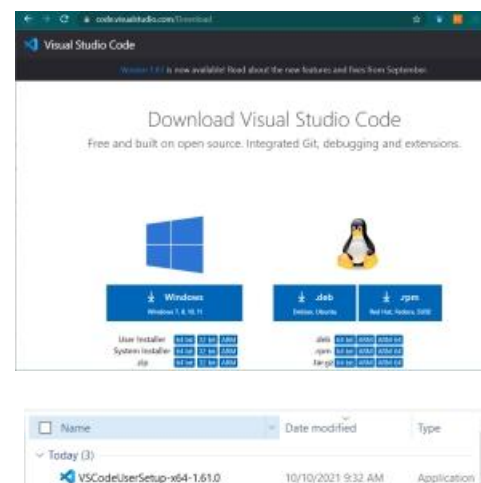
- Here you have two option to create table first one is using **structure** and second one is using **SQL**.
- If you want to create table in structure option, then put your table name on the create table name field and choose columns and click on the go button.

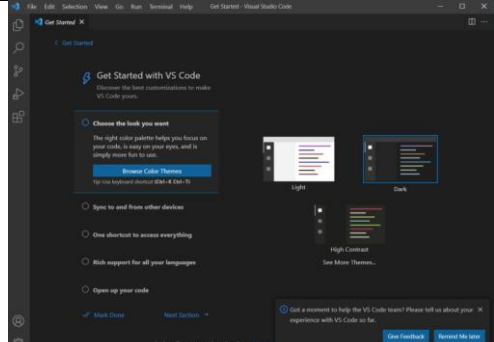


## Exercise 2: Visual Studio Code

### Installing Visual Studio Code

1. Download **Visual Studio Code**.
  - a. <https://code.visualstudio.com>
    - i. **Windows users:** This will download the latest version of Visual Studio Code as an .exe file.
    - ii. **Mac users:** This will download the latest version of Visual Studio Code for Mac as a .zip file.
2. Installation
  - a. **Windows users:** Open the .exe file by clicking on it and on run the installer. Keep clicking 'Next' and then finally 'Finish.'
  - b. **Mac users:** The downloaded .zip file should be in your 'Downloads' folder. Open the file. If you see this message, choose "Open."
3. Post - Installation  
 Make sure you have your Visual Studio Code application saved in a place you know you will easily be able to find it.



|  |  |
|--|--|
| <p>a. <b>Windows users:</b> It will automatically be placed in your Start menu.</p> <p>b. <b>Mac users:</b> Click and drag the Visual Studio Code icon from the Downloads folder to the Applications folder.</p> |  |
|--|--|

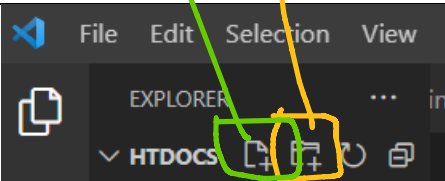
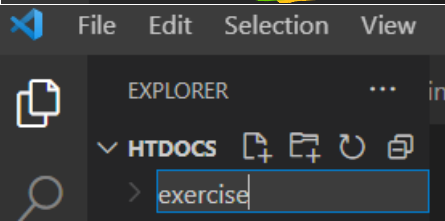
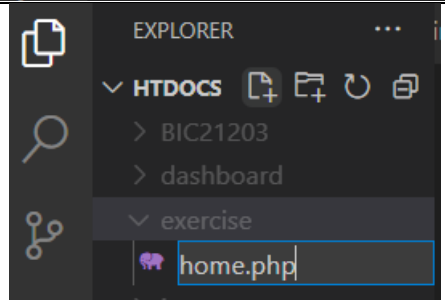
- ✓ That's it, you've successfully installed your text editor and are ready to start coding!

### 1.1. Set up project development folder

- ✓ Create new project development folder
- ✓ Locate the folder under **xampp/htdocs** folder
- ✓ Create new file for exercise

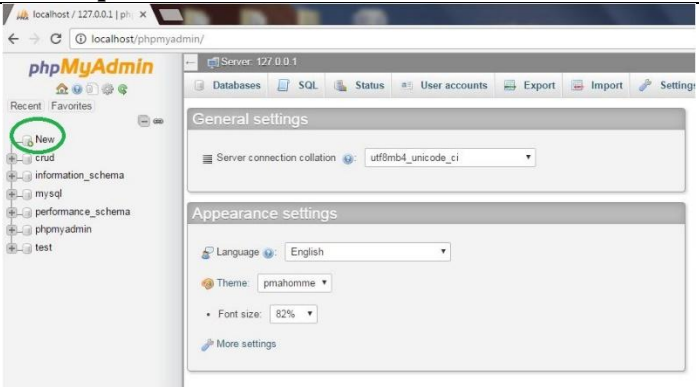

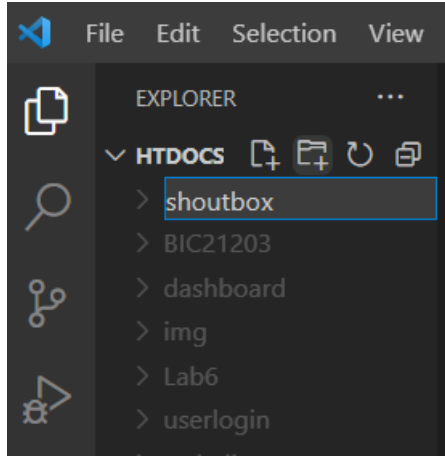
*New file*

*New folder*

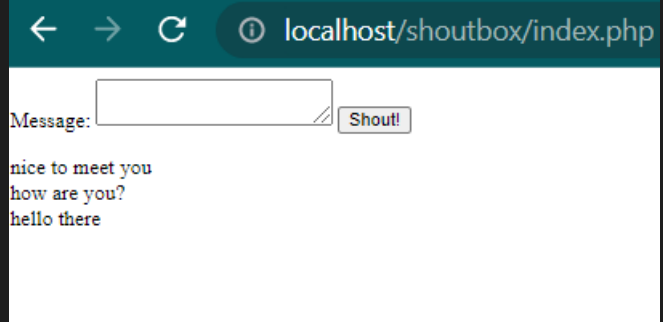
|  |   |
|--|---|
| <p>i. Click File &gt;&gt; Open Folder &gt;&gt; find <i>xampp/htdocs</i> folder</p> |   |
| <p>ii. Create new folder (i.e. name the folder as <i>exercise</i>)</p>             |   |
| <p>iii. Create home.php page</p>   |   |
| <p>iv. Copy the code in the page</p>   | <pre> &lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;title&gt;Page Title&lt;/title&gt; &lt;/head&gt; &lt;body&gt; </pre> |

|            |  |
|------------|--|
|            | <pre> &lt;h1&gt;This is a Heading&lt;/h1&gt; &lt;p&gt;This is a paragraph.&lt;/p&gt;  &lt;/body&gt; &lt;/html&gt; </pre> |
| v. Preview | http://localhost/shoutbox/index.php  |

### Exercise 3: ShoutBox

| Step   | Description  |
|--|--|
| 1. Start XAMPP or WAMPP server. Then go to the link bar of your browser and type <b>localhost/phpmyadmin</b> and click enter.<br><br>Then click on the new button that is available on the sidebar of that page. |                       |
| 2. Create database <b>shoutbox</b> & table <b>shouts</b> with the following attribute/column: <i>shout_id</i> , <i>shout_text</i> , <i>shout_date</i> .  |                      |
| 3. Create a subfolder called <b>shoutbox</b> inside htdocs.  |                      |
| 4. Create <b>connection.php</b><br><br>** fill in your own MySQL user,   | <pre> &lt;?php // Create connection \$link = mysqli_connect("localhost", 'root', "", 'shoutbox'); </pre> |

|   |   |
|---|---|
| password and database name!   | <pre>?&gt;</pre> <p>Then, whenever you need to connect to the database in a program, use the line:</p> <pre>&lt;?php require_once("connection.php"); ?&gt;</pre>  |
| <b>5. index.php</b>   | <pre> &lt;html&gt;   &lt;head&gt;     &lt;title&gt;ShoutBox&lt;/title&gt;   &lt;/head&gt;    &lt;body&gt;     &lt;form action="send.php" method="post"&gt;       Message: &lt;textarea name="shout" size="50" maxlength="300"&gt;&lt;/textarea&gt;       &lt;input type="submit" value="Shout!"&gt;      &lt;/form&gt;     &lt;?php       //connect to the database       require_once("connection.php");        //get all of the shouts       \$result=mysqli_query(\$link,"SELECT * FROM shouts ORDER BY shout_date DESC")       or die(mysqli_error(\$link));        //loop through the results, printing out each shout       while (\$data = mysqli_fetch_assoc(\$result)){         print \$data['shout_text'];         //print \$data['shout_date'];         print "&lt;br&gt;";       }     ?&gt;   &lt;/body&gt; &lt;/html&gt; </pre> |
| <b>6. send.php</b><br><br>PHP code to insert the shout into the database<br><br>HTML code which provides a meta refresh | <pre> &lt;?php   //database connection   require_once("connection.php");   //If the shout is not empty (validation)   if(\$_POST['shout'] != ""){     //Add to database     \$result=mysqli_query(\$link, "INSERT INTO shouts(shout_text) VALUES ('".\$_POST['shout']. "')") </pre>   |

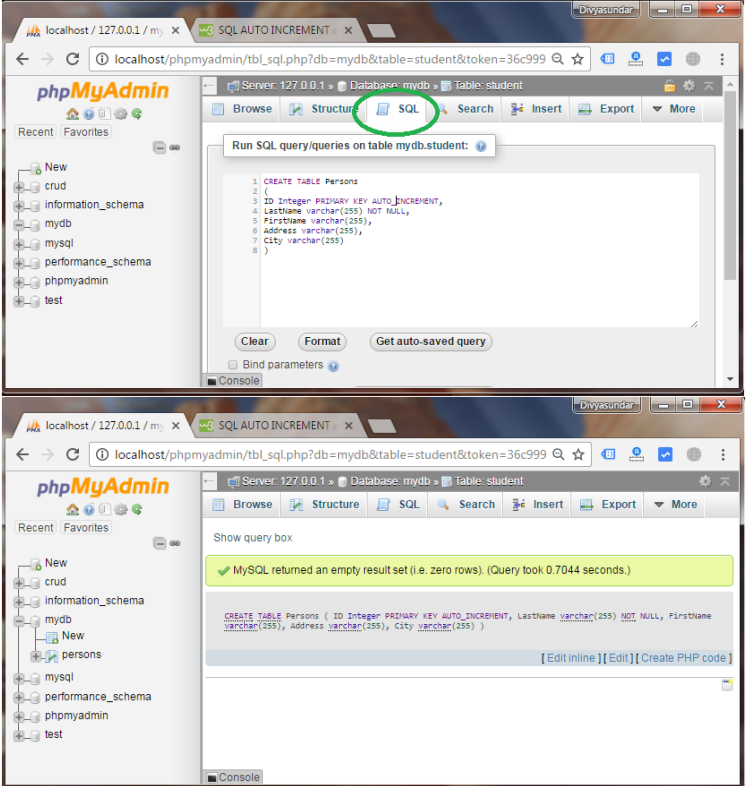
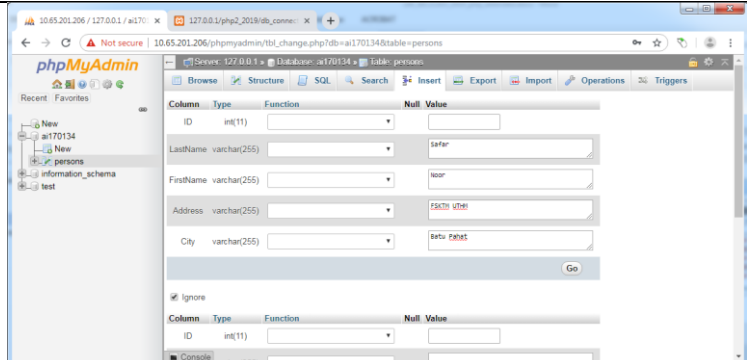
|   |   |
|---|---|
| <p>– on line 17 the code specifies to wait 0 seconds and then go to index.php. This means that once the page is done with inserting the data into the database, it redirects quickly to the first page.</p> | <pre>       or die(mysqli_error(\$link));     }     ?&gt;  &lt;html&gt;   &lt;head&gt;     &lt;meta http-equiv="refresh" content="0; url=index.php"&gt;     &lt;title&gt;Redirecting...&lt;/title&gt;   &lt;/head&gt;    &lt;body&gt;     &lt;p&gt;Please wait.. (^-^)&lt;/p&gt;   &lt;/body&gt; &lt;/html&gt; </pre> |
| <p>7. Output</p>  |    |



#### Why do I need a separate file?

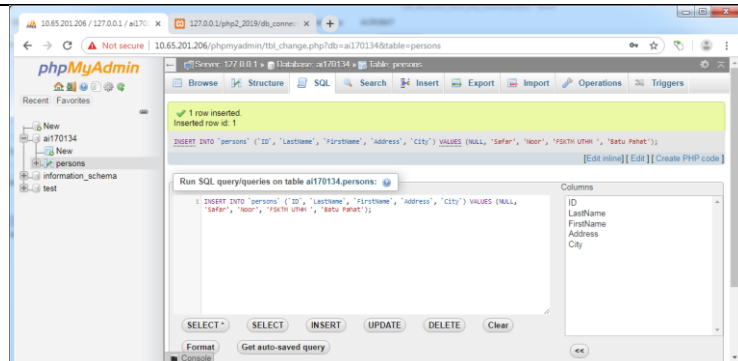
- Can't I just put the connection line on the top of each page? Well yes, you can.
- But imagine if you change your server details – which will happen if you are testing your site on XAMPP and uploading to an online webserver later on. You'll have to change the details in every single page.
- If you put them in a connection file and require that file wherever a connection is needed, you only need to change the details once in the connection file instead of everywhere. Genius!

## Exercise 3: Data Display from Database

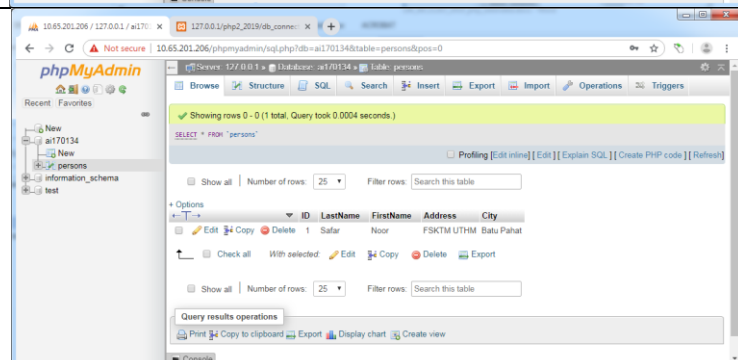
| Step  | Description  |
|---|--|
| <p>1. In phpMyAdmin, create database <b>mydb</b> &amp; table <b>persons</b> with the following attribute/column: <i>ID integer (auto incremented), LastName, FirstName, Address, City.</i></p> <ul style="list-style-type: none"> <li>If you want to create a table by writing SQL Query, simply click on the SQL button on the page and write your query and click on the go button.</li> <li>CREATE TABLE persons (ID integer Primary Key Auto_increment, LastName varchar(255) NOT NULL, FirstName varchar(255), Address varchar(255), City varchar(255))</li> </ul> |   |
| <p>2. Insert any data</p>   |  |



Then click GO

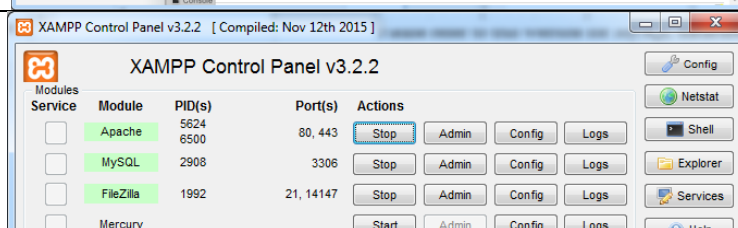


Then click browse to see your data is inserted or not:



Example (MySQLi Procedural):

Note Make sure MySQL server is running. By default your server is: **localhost or 127.0.0.1, username: root, NO password**



3. Create db\_connect.php

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "mydb";

// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);

// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
echo "Connected successfully";
?>
```

|  |  |
|--|--|
| <p>The output</p>  |    |
| <ul style="list-style-type: none"> <li>• Display table content           <ul style="list-style-type: none"> <li>◦ Now, we want to display the content of the table from your database</li> <li>◦ Create a <b>fetch_data.php</b></li> </ul> </li> </ul> | <pre> &lt;?php include "db_connect.php";  \$sql = "SELECT * FROM persons";  \$result = mysqli_query(\$conn, \$sql);  if (mysqli_num_rows(\$result) &gt; 0) {     // output data of each row     //if (!empty(\$this-&gt;resource) &amp;&amp; \$this-&gt;resource instanceof     mysqli_result) {         while(\$row = mysqli_fetch_assoc(\$result)) {              echo "&lt;p&gt;ID: " . \$row["ID"]. " - Name: " . \$row["FirstName"]. " " .             \$row["LastName"]. "&lt;br&gt;";              echo "Address: " . \$row["Adress"]. " " . "&lt;br&gt;City:" .             \$row["City"]. "&lt;/p&gt;";          }     } else {         echo "0 results";     }      mysqli_close(\$conn); ?&gt; </pre> |
| <ul style="list-style-type: none"> <li>• You may add more data into table <b>persons</b></li> </ul>  |    |

## Exercise 4: User Registration & Login Script in PHP and MySQLi

- This tutorial will explain the basic functionality of registration and access secured area. In this tutorial user can register, login to member secured area and logout by using Simple User Registration & Login Script in PHP and MySQL.
- Steps to Create Simple User Registration & Login Script in PHP and MySQLi
  1. Create a Database
  2. Create a Database Table with five fields:  
*id, username, email, password, trn\_date*
  3. Create a Registration Form
  4. Create a Login Form
  5. Connect to the Database by using PHP
  6. Authenticate Logged in User
  7. Create Index Page
  8. Create Dashboard Page
  9. Create a Log Out
  10. Create a CSS File

| Step  | Description   |
|---|---|
| 1. Create database;<br><b>register</b>                    | CREATE DATABASE register;   |
| 2. Create table, <b>users</b>                             | <pre>CREATE TABLE IF NOT EXISTS `users` (   `id` int(11) NOT NULL AUTO_INCREMENT,   `username` varchar(50) NOT NULL,   `email` varchar(50) NOT NULL,   `password` varchar(50) NOT NULL,   `trn_date` datetime NOT NULL,   PRIMARY KEY (`id`) );</pre> |
| 3. Create a registration form;<br><b>registration.php</b> | <pre>&lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;meta charset="utf-8"&gt; &lt;title&gt;Registration&lt;/title&gt; &lt;link rel="stylesheet" href="css/style.css" /&gt; &lt;/head&gt; &lt;body&gt; &lt;?php require('db.php');</pre>           |

|   |   |
|---|---|
|   | <pre>// If form submitted, insert values into the database. if (isset(\$_REQUEST['username'])) {     // removes backslashes     \$username = stripslashes(\$_REQUEST['username']);     //escapes special characters in a string     \$username = mysqli_real_escape_string(\$con,\$username);     \$email = stripslashes(\$_REQUEST['email']);     \$email = mysqli_real_escape_string(\$con,\$email);     \$password = stripslashes(\$_REQUEST['password']);     \$password = mysqli_real_escape_string(\$con,\$password);     \$trn_date = date("Y-m-d H:i:s");     \$query = "INSERT into `users` (username, password, email, trn_date) VALUES ('\$username', '".md5(\$password)."', '\$email', '\$trn_date')";     \$result = mysqli_query(\$con,\$query);     if(\$result){         echo "&lt;div class='form'&gt; &lt;h3&gt;You are registered successfully.&lt;/h3&gt; &lt;br/&gt;Click here to &lt;a href='login.php'&gt;Login&lt;/a&gt;&lt;/div&gt;";     } } else { ?&gt; &lt;div class="form"&gt; &lt;h1&gt;Registration&lt;/h1&gt; &lt;form name="registration" action="" method="post"&gt; &lt;input type="text" name="username" placeholder="Username" required /&gt; &lt;input type="email" name="email" placeholder="Email" required /&gt; &lt;input type="password" name="password" placeholder="Password" required /&gt; &lt;input type="submit" name="submit" value="Register" /&gt; &lt;/form&gt; &lt;/div&gt; &lt;?php } ?&gt; &lt;/body&gt; &lt;/html&gt;</pre> |
| 4. Create a login form;<br><b>login.php</b> | <pre>&lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;meta charset="utf-8"&gt; &lt;title&gt;Login&lt;/title&gt;</pre>  |

```

<link rel="stylesheet" href="css/style.css" />
</head>
<body>
<?php
require('db.php');
session_start();
// If form submitted, insert values into the database.
if (isset($_POST['username'])) {
    // removes backslashes
    $username = stripslashes($_REQUEST['username']);
    //escapes special characters in a string
    $username =
mysqli_real_escape_string($con,$username);
    $password = stripslashes($_REQUEST['password']);
    $password =
mysqli_real_escape_string($con,$password);
    //Checking is user existing in the database or not
    $query = "SELECT * FROM `users` WHERE
username='$username'
and password='".md5($password)."'";
    $result = mysqli_query($con,$query) or
die(mysqli_error());
    $rows = mysqli_num_rows($result);
    if($rows==1){
        $_SESSION['username'] = $username;
        // Redirect user to index.php
        header("Location: index.php");
    } else {
        echo "<div class='form'>
<h3>Username/password is incorrect.</h3>
<br/>Click here to <a href='login.php'>Login</a></div>";
    }
} else {
?>
<div class="form">
<h1>Log In</h1>
<form action="" method="post" name="login">
<input type="text" name="username"
placeholder="Username" required />
<input type="password" name="password"
placeholder="Password" required />
<input name="submit" type="submit" value="Login" />
</form>
<p>Not registered yet? <a href='registration.php'>Register
Here</a></p>
</div>
<?php } ?>

```

|   |   |
|---|---|
|   | <pre> &lt;/body&gt; &lt;/html&gt; </pre>  |
| 5. Connect to the database, <b>db.php</b>       | <pre> &lt;?php // Enter your Host, username, password, database below. // the password is empty because no settings for the password were made on localhost. \$con = mysqli_connect("localhost","root","","register"); // Check connection if (mysqli_connect_errno()) {     echo "Failed to connect to MySQL: " . mysqli_connect_error(); } ?&gt; </pre>   |
| 6. Authenticate logged in user; <b>auth.php</b> | <pre> &lt;?php session_start(); if(!isset(\$_SESSION["username"])){ header("Location: login.php"); exit(); } ?&gt; </pre>   |
| 7. Create index page; <b>index.php</b>          | <pre> &lt;?php //include auth.php file on all secure pages include("auth.php"); ?&gt; &lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;meta charset="utf-8"&gt; &lt;title&gt;Welcome Home&lt;/title&gt; &lt;link rel="stylesheet" href="css/style.css" /&gt; &lt;/head&gt; &lt;body&gt; &lt;div class="form"&gt; &lt;p&gt;Welcome &lt;?php echo \$_SESSION['username']; ?&gt;!&lt;/p&gt; &lt;p&gt;This is secure area.&lt;/p&gt; &lt;p&gt;&lt;a href="dashboard.php"&gt;Dashboard&lt;/a&gt;&lt;/p&gt; &lt;p&gt;&lt;a href="logout.php"&gt;Logout&lt;/a&gt;&lt;/p&gt; &lt;/div&gt; &lt;/body&gt; &lt;/html&gt; </pre> |
| 8. Create dashboard page, <b>dashboard.php</b>  | <pre> &lt;?php require('db.php'); include("auth.php"); ?&gt; </pre>   |

|   |   |
|---|---|
|   | <pre> &lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;meta charset="utf-8"&gt; &lt;title&gt;Dashboard - Secured Page&lt;/title&gt; &lt;link rel="stylesheet" href="css/style.css" /&gt; &lt;/head&gt; &lt;body&gt; &lt;div class="form"&gt; &lt;p&gt;Dashboard&lt;/p&gt; &lt;p&gt;This is another secured page.&lt;/p&gt; &lt;p&gt;&lt;a href="index.php"&gt;Home&lt;/a&gt;&lt;/p&gt; &lt;a href="logout.php"&gt;Logout&lt;/a&gt; &lt;/div&gt; &lt;/body&gt; &lt;/html&gt; </pre> |
| 9. Create a log out page, <b>logout.php</b> | <pre> &lt;?php session_start(); // Destroying All Sessions if(session_destroy()) { // Redirecting To Home Page header("Location: login.php"); } ?&gt; </pre>  |
| 10. Create a css file; <b>style.css</b>     | <pre> body { font-family:Arial, Sans-Serif; } .clearfix:before, .clearfix:after{ content: ""; display: table; } .clearfix:after{ clear: both; } a{ color:#0067ab; text-decoration:none; } a:hover{ text-decoration:underline; } .form{ width: 300px; </pre>   |

|  |  |
|--|--|
|  | <pre> margin: 0 auto; } input[type='text'], input[type='email'], input[type='password'] { width: 200px; border-radius: 2px; border: 1px solid #CCC; padding: 10px; color: #333; font-size: 14px; margin-top: 10px; } input[type='submit']{ padding: 10px 25px 8px; color: #fff; background-color: #0067ab; text-shadow: rgba(0,0,0,0.24) 0 1px 0; font-size: 16px; box-shadow: rgba(255,255,255,0.24) 0 2px 0 0 inset,#fff 0 1px 0 0; border: 1px solid #0164a5; border-radius: 2px; margin-top: 10px; cursor:pointer; } input[type='submit']:hover { background-color: #024978; } </pre> <p>Note: In this tutorial CSS file is placed in css/style.css folder. So make sure that you also placed CSS file in the same css folder.</p> |
|--|--|

## Exercise 5: Insert, View, Edit and Delete Record from Database Using PHP and MySQLi

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- This tutorial explains how to insert, view, edit and delete records from a database using PHP and Mysqli. It is a continuation of Exercise 4.
- Now you need to create another table to keep records in the table, update dashboard.php file and add four more new pages which are insert.php, view.php, edit.php, and delete.php, follow the following steps:



1. Create Another Table for Records
2. Update Dashboard File
3. Create Insert Page
4. Create View Page
5. Create Edit/Update Page
6. Create Delete Page

| Step  | Description   |
|---|---|
| 1. Create new table in <b>register</b> database;<br><b>new_record</b> | <pre>CREATE TABLE IF NOT EXISTS `new_record` (   `id` int(11) NOT NULL AUTO_INCREMENT,   `trn_date` datetime NOT NULL,   `name` varchar(50) NOT NULL,   `age` int(11) NOT NULL,   `submittedby` varchar(50) NOT NULL,   PRIMARY KEY (`id`) );</pre>   |
| 2. Update dashboard file;<br><b>dashboard.php</b>                     | <pre>&lt;?php require('db.php'); include("auth.php"); ?&gt; &lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;meta charset="utf-8"&gt; &lt;title&gt;Dashboard - Secured Page&lt;/title&gt; &lt;link rel="stylesheet" href="css/style.css" /&gt; &lt;/head&gt; &lt;body&gt; &lt;div class="form"&gt; &lt;p&gt;Welcome to Dashboard.&lt;/p&gt; &lt;p&gt;&lt;a href="index.php"&gt;Home&lt;/a&gt;&lt;p&gt; &lt;p&gt;&lt;a href="insert.php"&gt;Insert New Record&lt;/a&gt;&lt;/p&gt; &lt;p&gt;&lt;a href="view.php"&gt;View Records&lt;/a&gt;&lt;p&gt; &lt;p&gt;&lt;a href="logout.php"&gt;Logout&lt;/a&gt;&lt;/p&gt; &lt;/div&gt; &lt;/body&gt; &lt;/html&gt;</pre> |
| 3. Create insert page;<br><b>insert.php</b>                           | <pre>&lt;?php require('db.php'); include("auth.php"); \$status = ""; if(isset(\$_POST['new']) &amp;&amp; \$_POST['new']==1){   \$trn_date = date("Y-m-d H:i:s");   \$name = \$_REQUEST['name'];   \$age = \$_REQUEST['age'];   \$submittedby = \$_SESSION["username"];   \$ins_query="insert into new_record</pre>  |

|   |   |
|---|---|
|   | <pre> ('trn_date`,`name`,`age`,`submittedby`)values ('\$trn_date','\$name','\$age','\$submittedby'); mysqli_query(\$con,\$ins_query) or die(mysql_error()); \$status = "New Record Inserted Successfully. &lt;/br&gt;&lt;/br&gt;&lt;a href='view.php'&gt;View Inserted Record&lt;/a&gt;"; } ?&gt; &lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;meta charset="utf-8"&gt; &lt;title&gt;Insert New Record&lt;/title&gt; &lt;link rel="stylesheet" href="css/style.css" /&gt; &lt;/head&gt; &lt;body&gt; &lt;div class="form"&gt; &lt;p&gt;&lt;a href="dashboard.php"&gt;Dashboard&lt;/a&gt;   &lt;a href="view.php"&gt;View Records&lt;/a&gt;   &lt;a href="logout.php"&gt;Logout&lt;/a&gt;&lt;/p&gt; &lt;div&gt; &lt;h1&gt;Insert New Record&lt;/h1&gt; &lt;form name="form" method="post" action=""&gt; &lt;input type="hidden" name="new" value="1" /&gt; &lt;p&gt;&lt;input type="text" name="name" placeholder="Enter Name" required /&gt;&lt;/p&gt; &lt;p&gt;&lt;input type="text" name="age" placeholder="Enter Age" required /&gt;&lt;/p&gt; &lt;p&gt;&lt;input name="submit" type="submit" value="Submit" /&gt;&lt;/p&gt; &lt;/form&gt; &lt;p style="color:#FF0000;"&gt;&lt;?php echo \$status; ?&gt;&lt;/p&gt; &lt;/div&gt; &lt;/div&gt; &lt;/body&gt; &lt;/html&gt; </pre> |
| 4. Create view page;<br><b>view.php</b> | <pre> &lt;?php require('db.php'); include("auth.php"); ?&gt; &lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;meta charset="utf-8"&gt; &lt;title&gt;View Records&lt;/title&gt; &lt;link rel="stylesheet" href="css/style.css" /&gt; &lt;/head&gt; </pre>   |

|   |   |
|---|---|
|   | <pre> &lt;body&gt; &lt;div class="form"&gt; &lt;p&gt;&lt;a href="index.php"&gt;Home&lt;/a&gt;   &lt;a href="insert.php"&gt;Insert New Record&lt;/a&gt;   &lt;a href="logout.php"&gt;Logout&lt;/a&gt;&lt;/p&gt; &lt;h2&gt;View Records&lt;/h2&gt; &lt;table width="100%" border="1" style="border- collapse:collapse;"&gt; &lt;thead&gt; &lt;tr&gt; &lt;th&gt;&lt;strong&gt;S.No&lt;/strong&gt;&lt;/th&gt; &lt;th&gt;&lt;strong&gt;Name&lt;/strong&gt;&lt;/th&gt; &lt;th&gt;&lt;strong&gt;Age&lt;/strong&gt;&lt;/th&gt; &lt;th&gt;&lt;strong&gt;Edit&lt;/strong&gt;&lt;/th&gt; &lt;th&gt;&lt;strong&gt;Delete&lt;/strong&gt;&lt;/th&gt; &lt;/tr&gt; &lt;/thead&gt; &lt;tbody&gt; &lt;?php \$count=1; \$sel_query="Select * from new_record ORDER BY id desc;"; \$result = mysqli_query(\$con,\$sel_query); while(\$row = mysqli_fetch_assoc(\$result)) { ?&gt; &lt;tr&gt;&lt;td align="center"&gt;&lt;?php echo \$count; ?&gt;&lt;/td&gt; &lt;td align="center"&gt;&lt;?php echo \$row["name"]; ?&gt;&lt;/td&gt; &lt;td align="center"&gt;&lt;?php echo \$row["age"]; ?&gt;&lt;/td&gt; &lt;td align="center"&gt; &lt;a href="edit.php?id=&lt;?php echo \$row["id"]; ?&gt;"&gt;Edit&lt;/a&gt; &lt;/td&gt; &lt;td align="center"&gt; &lt;a href="delete.php?id=&lt;?php echo \$row["id"]; ?&gt;"&gt;Delete&lt;/a&gt; &lt;/td&gt; &lt;/tr&gt; &lt;?php \$count++; } ?&gt; &lt;/tbody&gt; &lt;/table&gt; &lt;/div&gt; &lt;/body&gt; &lt;/html&gt; </pre> |
| 5. Create edit or update page;<br><b>edit.php</b> | <pre> &lt;?php require('db.php'); include("auth.php"); \$id=\$_REQUEST['id']; \$query = "SELECT * from new_record where id='".\$id.'";"; \$result = mysqli_query(\$con, \$query) or die ( mysqli_error()); </pre>   |

```

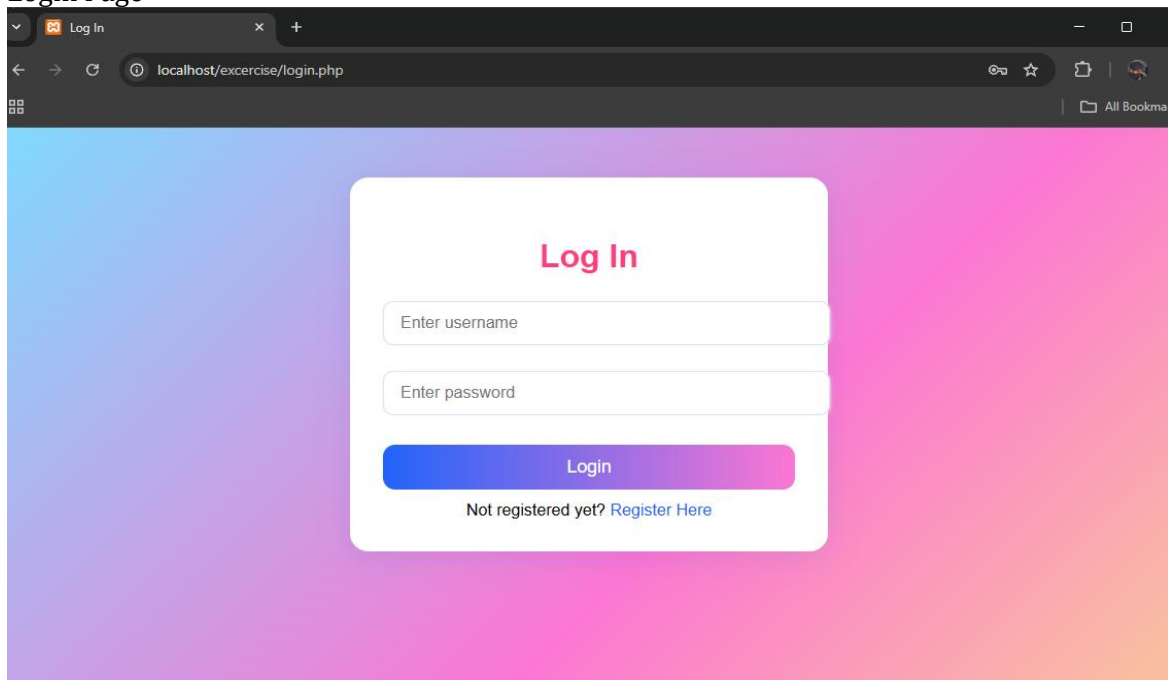
$row = mysqli_fetch_assoc($result);
?>
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>Update Record</title>
<link rel="stylesheet" href="css/style.css" />
</head>
<body>
<div class="form">
<p><a href="dashboard.php">Dashboard</a>
| <a href="insert.php">Insert New Record</a>
| <a href="logout.php">Logout</a></p>
<h1>Update Record</h1>
<?php
$status = "";
if(isset($_POST['new']) && $_POST['new']==1)
{
$id=$_REQUEST['id'];
$trn_date = date("Y-m-d H:i:s");
$name=$_REQUEST['name'];
$age=$_REQUEST['age'];
$submittedby=$_SESSION["username"];
$update="update new_record set trn_date='".$_$trn_date."',
name='".$_$name."', age='".$_$age."',
submittedby='".$_$submittedby.'" where id='".$_$id.'";
mysqli_query($con, $update) or die(mysqli_error());
$status = "Record Updated Successfully. <br><br>";
<a href='view.php'>View Updated Record</a>";
echo '<p style="color:#FF0000;">'.$status.'</p>';
}else {
?>
<div>
<form name="form" method="post" action="">
<input type="hidden" name="new" value="1" />
<input name="id" type="hidden" value="<?php echo
$row['id'];?>" />
<p><input type="text" name="name" placeholder="Enter
Name"
required value="<?php echo $row['name'];?>" /></p>
<p><input type="text" name="age" placeholder="Enter Age"
required value="<?php echo $row['age'];?>" /></p>
<p><input name="submit" type="submit" value="Update"
/></p>
</form>
<?php } ?>

```

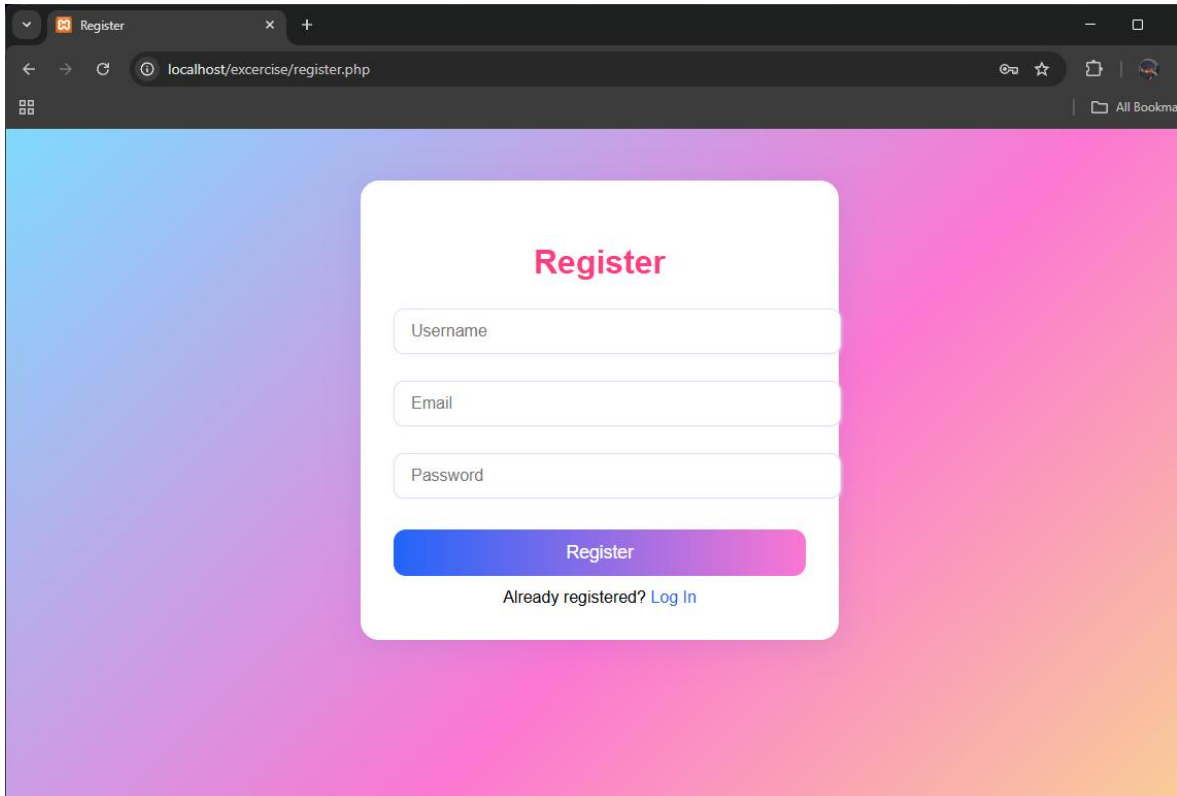
|   |  |
|---|--|
|   | <pre> &lt;/div&gt; &lt;/div&gt; &lt;/body&gt; &lt;/html&gt; </pre>   |
| 6. Create delete page;<br><b>delete.php</b> | <pre> &lt;?php require('db.php'); \$id=\$_REQUEST['id']; \$query = "DELETE FROM new_record WHERE id=\$id"; \$result = mysqli_query(\$con,\$query) or die ( mysqli_error()); header("Location: view.php"); ?&gt; </pre> |

### My Interface design

#### Login Page



## Register Page



Register

Username

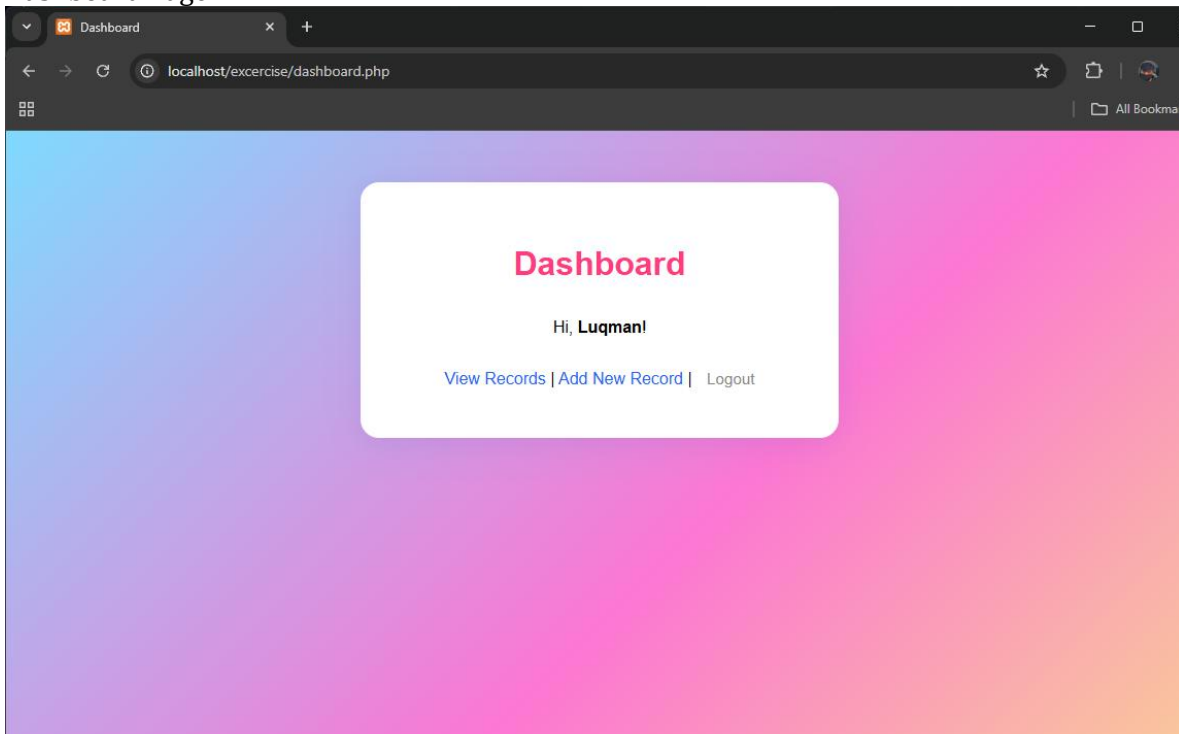
Email

Password

Register

Already registered? [Log In](#)

## Dashboard Page

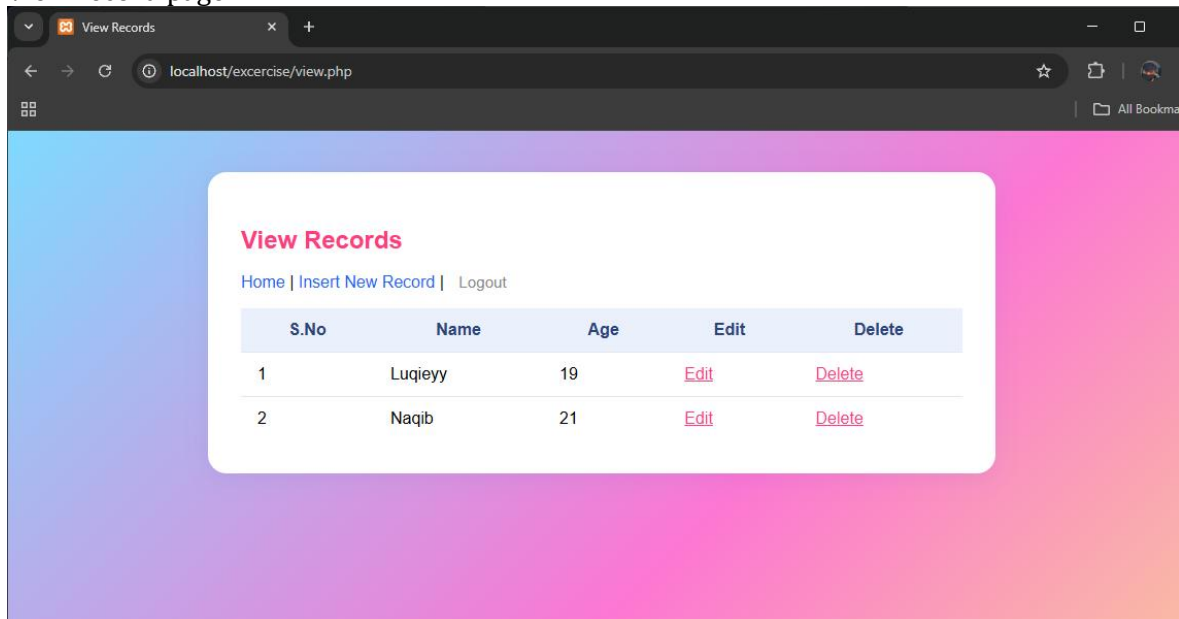


Dashboard

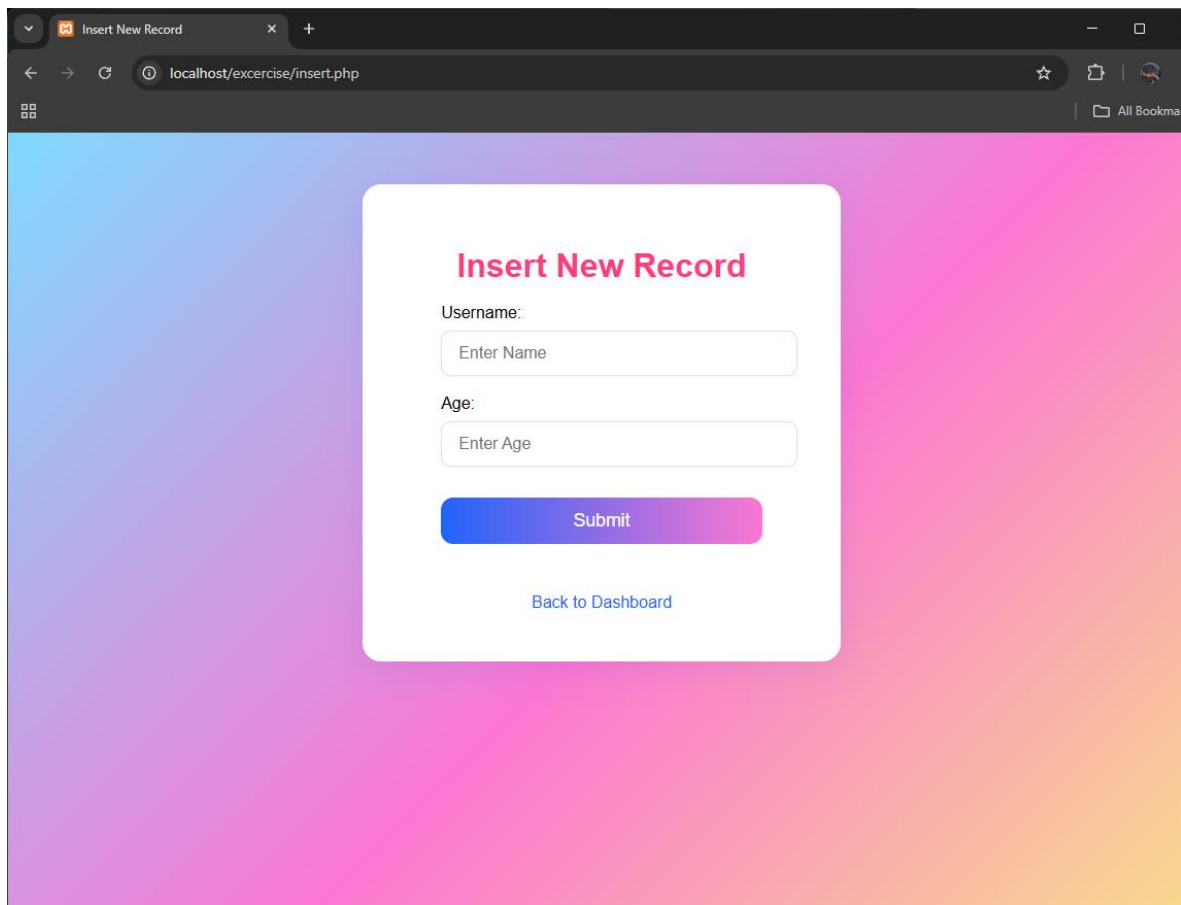
Hi, **Luqman!**

[View Records](#) | [Add New Record](#) | [Logout](#)

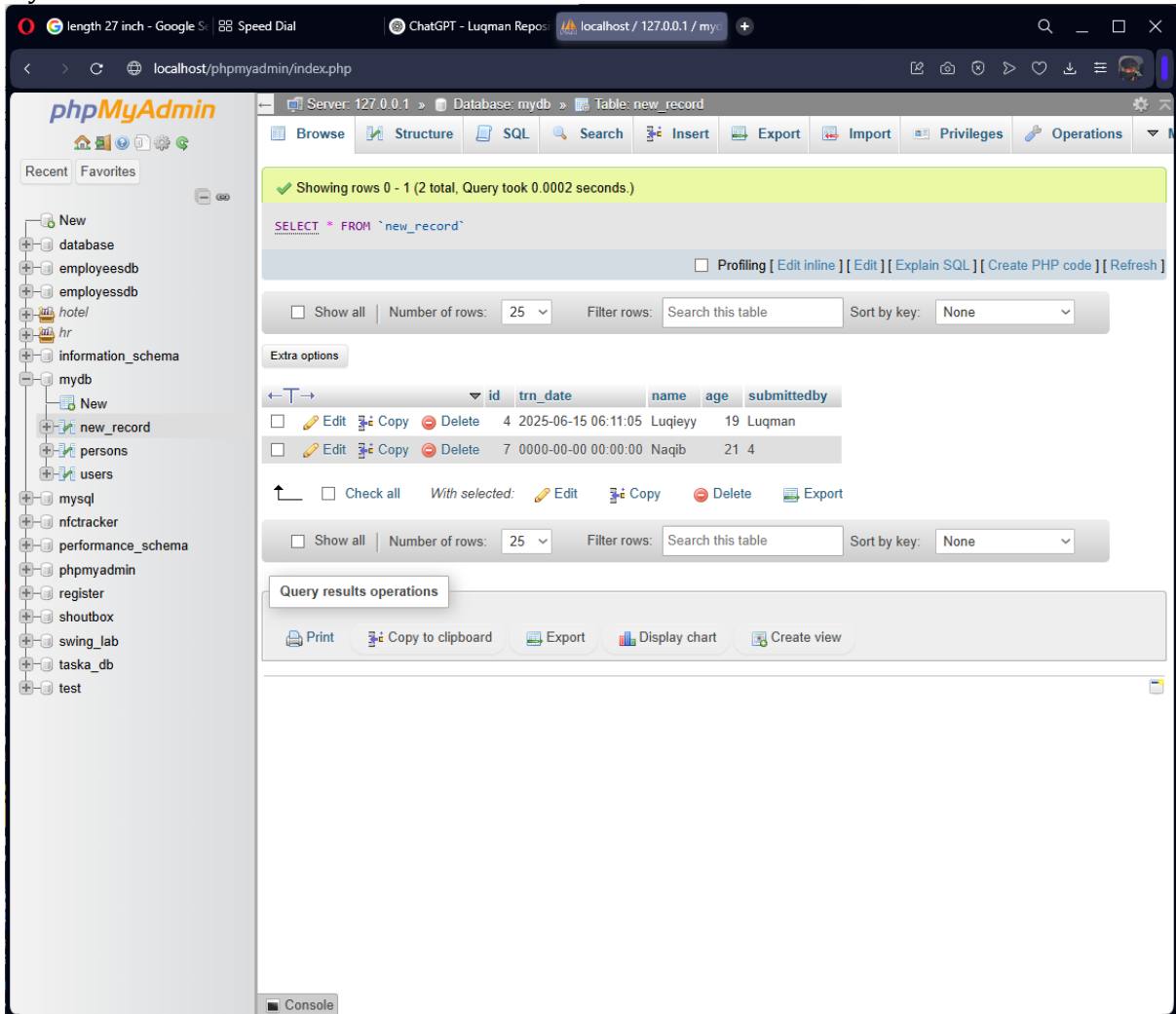
### View record page



### Insert new record page



## My new record database



Server: 127.0.0.1 » Database: mydb » Table: new\_record

Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

`SELECT * FROM `new_record``

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

|   | id | trn_date            | name    | age | submittedby |
|---|----|---------------------|---------|-----|-------------|
| <input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a> | 4  | 2025-06-15 06:11:05 | Luqleyy | 19  | Luqman      |
| <input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a> | 7  | 0000-00-00 00:00:00 | Naqib   | 21  | 4           |

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

## My database login user



length 27 inch - Google S... Speed Dial ChatGPT - Luqman Repos: localhost / 127.0.0.1 / my...

localhost/phpmyadmin/index.php

**phpMyAdmin**

Recent Favorites

New  
database  
employeesdb  
employeesdb  
hotel  
hr  
information\_schema  
mydb  
New  
new\_record  
persons  
users  
mysql  
nfctracker  
performance\_schema  
phpmyadmin  
register  
shoutbox  
swing\_lab  
taska\_db  
test

Server: 127.0.0.1 » Database: mydb » Table: users

Browse Structure SQL Search Insert Export Import Privileges Operations

Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

SELECT \* FROM `users`

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

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

Extra options

|                          | id | username | email                      | password | trn_date            |
|--------------------------|----|----------|----------------------------|----------|---------------------|
| <input type="checkbox"/> | 4  | Luqman   | luqmanbahrin2004@gmail.com |          | 0000-00-00 00:00:00 |

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

Console