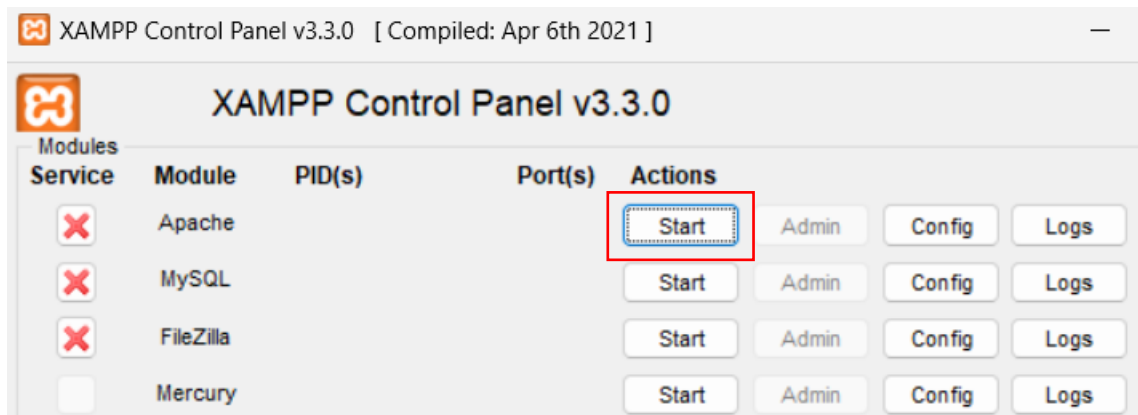


PHP- MySQL Connection

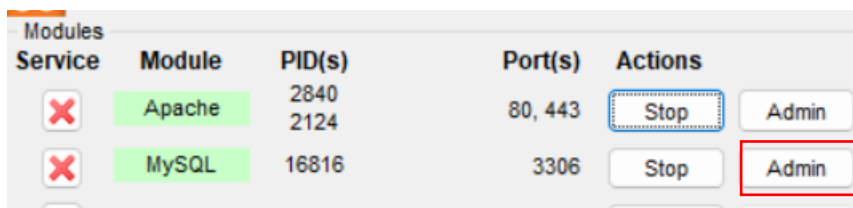
1. Start XAMPP Control Panel: Open the XAMPP Control Panel. You can usually find it in the installation directory or by searching for "XAMPP Control Panel" in your Start menu and open it.



2. Start MySQL: In the XAMPP Control Panel, click on the "Start" button next to the MySQL module. This will start the MySQL server.

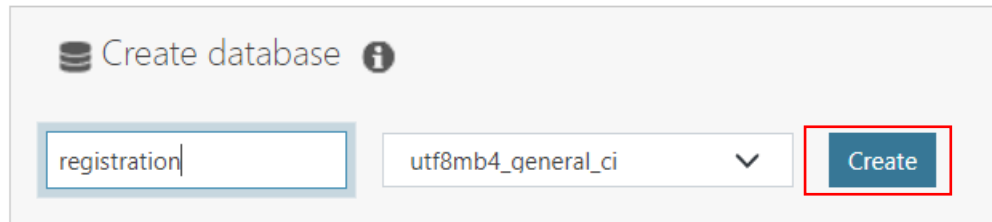


3. Open phpMyAdmin: Click on the "Admin" button next to the MySQL module in the XAMPP Control Panel. This will open phpMyAdmin in your default web browser.



PHP- MySQL Connection

4. Create a Database: In phpMyAdmin, click on the "Databases" tab in the top menu. Enter a name for your database in the "Create database" field and click the "Create" button.



Create database ⓘ

registration utf8mb4_general_ci Create

5. Create a Table: Click on your database, give the table name and click the "Create" button.

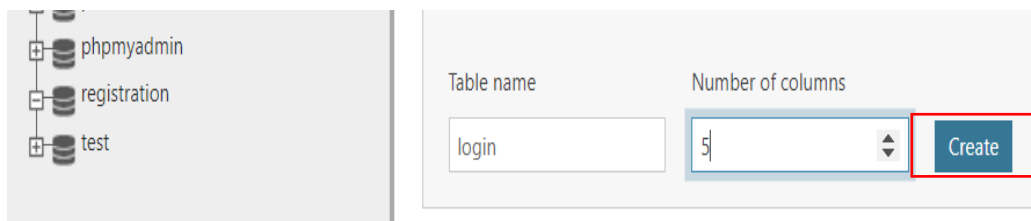
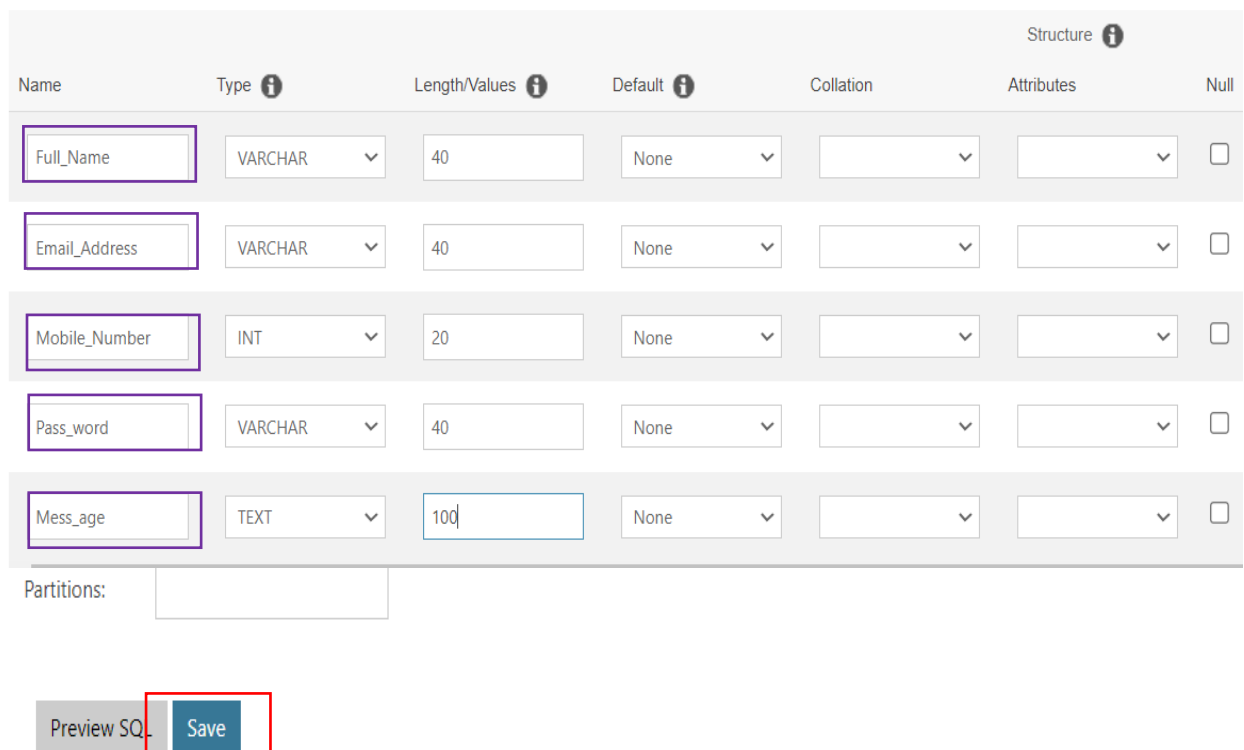


Table name Number of columns

login 5 Create

6. Table Structure: Give the column name and click the "Save" button.



Structure ⓘ

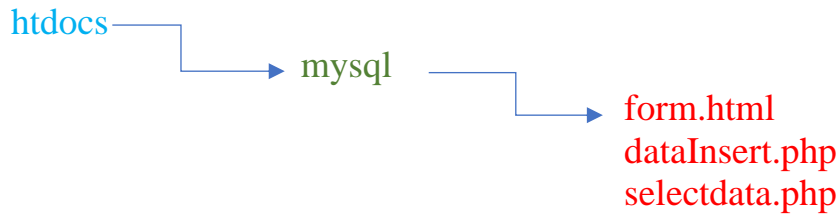
Name	Type ⓘ	Length/Values ⓘ	Default ⓘ	Collation	Attributes	Null
Full_Name	VARCHAR ▾	40	None ▾	▾	▾	<input type="checkbox"/>
Email_Address	VARCHAR ▾	40	None ▾	▾	▾	<input type="checkbox"/>
Mobile_Number	INT ▾	20	None ▾	▾	▾	<input type="checkbox"/>
Pass_word	VARCHAR ▾	40	None ▾	▾	▾	<input type="checkbox"/>
Mess_age	TEXT ▾	100	None ▾	▾	▾	<input type="checkbox"/>

Partitions:

Preview SQL Save

PHP- MySQL Connection

7. Create files: Go to the htdocs folder and here I am creating a folder which name is mysql and inside of this I am creating form.html, dataInsert.php and selectdata.php



- Input: insert given code in **form.html** file.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <!-- Bootstrap Link -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
    integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOMLASjC"
    crossorigin="anonymous">
  <!-- Bootstrap Link -->
</head>
<body>

  <h5 class="modal-title" id="exampleModalLabel">Registration</h5>

  <div class="modal-body">
    <form action="dataInsert.php" method="post">

      <div class="form-group" style="margin-bottom: 20px;">
        <label for="fullName">Full Name</label>
        <input type="text" name="full_name" id="fullName" placeholder="Enter your full name"
required="">
      </div>

      <div class="form-group" style="margin-bottom: 20px;">
        <label for="emailid">Email Address</label>
        <input type="email" name="email" id="emailid" placeholder="Enter your email address"
required="">
      </div>
    </form>
  </div>
</body>
```

PHP- MySQL Connection

```
</div>

<div class="form-group" style="margin-bottom: 20px;" required="">
  <label for="mobileNo">Mobile Number</label>
  <input type="tel" name="mobile_No" id="mobileNo" placeholder="Enter your mobile number"
required="">
</div>

<div class="form-group" style="margin-bottom: 20px;">
  <label for="pass">Password</label>
  <input type="password" name="password" id="pass" placeholder="Create Password"
required="">
</div>

<div class="form-group" style="margin-bottom: 20px;">
  <label for="mess">Message</label>
  <input type="text" name="message" id="mess" required="">
</div>

<button type="submit" class="btn btn-warning">Submit</button>
</form>
</div>

</body>
</html>
```

- Input: insert given code in `dataInsert.php` file.

```
<?php

if($_SERVER["REQUEST_METHOD"]=="POST"){

    $serverName = "localhost";
    $username = "root"; // Username Name
    $pass = "";
    $dbName = "registration"; // Databases Name
```

PHP- MySQL Connection

```
$conn = mysqli_connect($servername, $username, $pass, $dbName);

if($conn == false){
    die("Error". mysqli_connect_error());
}

else{

$fullName = $_POST["full_name"];
$email_id = $_POST["email"];
$mobile_no = $_POST["mobile_No"];
$password = $_POST["password"];
$mess = $_POST["message"];


$sql = "INSERT INTO `login` (`Full_Name`, `Email_Address`, `Mobile_Number`, `Pass_word`,
`Mess_age`) VALUES ('$fullName', '$email_id', '$mobile_no', '$password', '$mess')";

$result = mysqli_query($conn, $sql);

if($result){
    echo "record added";
}
else{
    echo "some issues";
}

}

mysqli_close($conn);
}
```

?>

➤ Input: insert given code in [selectdata.html](#) file.

```
<?php
```

```
$servername = "localhost";
```

PHP- MySQL Connection

```
$username = "root";
$password = "";
$dbname = "registration";

// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "SELECT Full_Name, Email_Address FROM login";
$result = mysqli_query($conn, $sql);

if (mysqli_num_rows($result) > 0) {
    // output data of each row
    while($row = mysqli_fetch_assoc($result)) {
        echo "Name: " . $row["Full_Name"]. " <br>Email: " . $row["Email_Address"]. " <br><br>";
    }
} else {
    echo "0 results";
}

mysqli_close($conn);
?>
```

Note:

```
<input type="text" name="full_name" id="fullName" placeholder="Enter your full name" required="">
```

Into the form, we are defined name for the input field. It is used to identify the field when the form is submitted.

```
$fullName = $_POST["full_name"];
```

In PHP, into the insertdata.php file

\$_POST is superglobal.

PHP- MySQL Connection

In this case, the code assigns the value of the “full_name” input field to the PHP variable ‘\$fullName’. Corresponds to the ‘name’ attribute of the input field in the HTML form, By accessing \$_POST[“Full_name”], this code returns the value entered by the user in the “full_name” input field.

```
$sql = "INSERT INTO `login` (`Full_Name`, `Email_Address`, `Mobile_Number`, `Pass_word`, `Mess_age`) VALUES ('$fullName', '$email_id', '$mobile_no', '$password', '$mess')";
```

The SQL query begins with the ‘INSERT INTO’ statement, specifying the table name (‘login’) to which the data will be inserted.

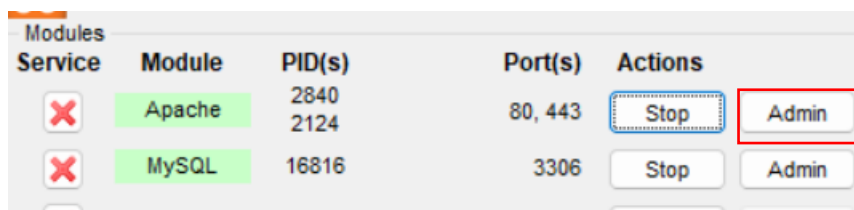
Column name

(`Full_Name`, `Email_Address`, `Mobile_Number`, `Pass_word`, `Mess_age`)

‘Values’ keyword is used to specify the values to be inserted into the respective columns.

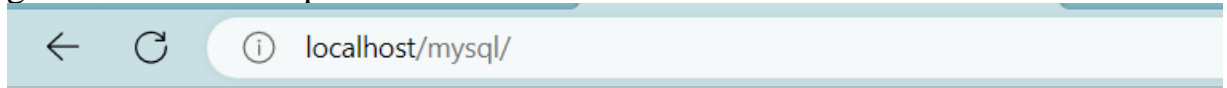
The values are provided as variables wrapped in single quotes ('\$fullName', '\$email_id', '\$mobile_no', '\$password', '\$mess');

8. Open phpMyAdmin: Click on the "Admin" button next to the Apache module in the XAMPP Control Panel. This will open phpMyAdmin in your default web browser and search mysql.







PHP- MySQL Connection

9. You need to just click on form.html and field data and click on submit you get a record add output.



Index of /mysql

Name	Last modified	Size	Description
 Parent Directory		-	
 datainsert.php	2023-05-31 02:27	855	
 form.html	2023-05-31 02:26	2.2K	
 selectdata.php	2023-05-31 02:28	672	

Apache/2.4.56 (Win64) OpenSSL/1.1.1t PHP/8.0.28 Server at localhost Port 80

Registration

Full Name

Email Address

Mobile Number

Password

Message

Output:

record added

PHP- MySQL Connection

10. Go to MySQL and click on admin.

Service	Module	PID(s)	Port(s)	Actions		
<input type="checkbox"/>	Apache	20552 13496	58900	Stop	Admin	Config
<input type="checkbox"/>	MySQL	21012	3306	Stop	Admin	Config

11. Click on registration then click on login, there you can see the record

registration

New

login

test

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

☐ Show all | Number of rows: 25

Full_Name	Email_Address	Mobile_Number	Pass_word	Mess_age
Padam singh	padam4030@gmail.com	9310521020	momdad@#\$123	hi
Priyanka	priyanka@gmail.com	48445454564	Pri@#\$123	Hi!!!

12. If you want to see record on browser with php code just click on [selectdata.php](#) you see the output as below.

Name: Padam singh
Email:padam4030@gmail.com

Name: Priyanka
Email:priyanka@gmail.com

Know we are successfully create connection with mongodb and mysql.