

Lesson 18- building our web app

- 1- Our first simple web app
- 2- The code
- 3- Data inserted in database
- 4- Connect the web app and database
- 5- Check the result

Our first simple web app

Register

User Name

porag

Email

porag@yahoo.com

Mobile

01700507524

Register

Create database

The screenshot shows the phpMyAdmin interface. On the left sidebar, the database 'db4' is selected, and the 'users' table is listed. The main panel displays the SQL query: `SELECT * FROM `users` LIMIT 0, 30`. Below the query, a status bar indicates 'Showing rows 0 - 1 (~2 total)'. The table data is displayed as follows:

	username	email	mobile
<input type="checkbox"/>	dmjalksjf	kjmskdd@gmail.com	01700507524
<input type="checkbox"/>	khurman	khurman@hotmail.com	01885234

At the bottom, there are controls for 'Show' (Start row: 0, Number of rows: 30, Headers every: 100 rows) and 'Sort by key' (None).

The code

```
myhtml3.html - Visual Studio Code
File Edit Selection View Go Debug Tasks Help

4
5 <!doctype html>
6 <html><head>
7 <title>Insert Data into mysql database</title>
8 <style type="text/css">
9 body{ background-color: powderblue;}
10 table{font-size: 30px;margin-left: 25%;}
11 input, textarea{font-size: 30px;}
12 </style></head>
13 <body>
14 <form action="myphp3.php" method="post">
15 <table>
16 <tr>
17 <th></th>
18 <th><h2>Register</h2></th>
19 </tr>
20 <tr>
21 <td>User Name</td>
22 <td><input type="text" name="username"></td>
23 </tr>
24 <tr>
25 <td>Email</td>
26 <td><input type="text" name="email"></td>
27 </tr>
28 <tr>
29 <td>Mobile</td>
30 <td><input type="text" name="mobile"></td>
31 </tr>
32 </table>
33 <input type="submit" value="Register">
34 </body>
35 </html>
```

```
myphp3.php - Visual Studio Code
File Edit Selection View Go Debug Tasks Help

1
2
3
4
5 <?php
6 $server = "localhost";
7 $user = "root";
8 $pass = "";
9 $dbname = "db4";
10 //Creating connection for mysql
11 $conn = new mysqli($server, $user, $pass, $dbname);
12 //Checking connection
13 if($conn->connect_error){
14     die("Connection failed: " . $conn->connect_error);
15 }
16 $username = mysqli_real_escape_string($conn, $_POST['username']);
17 $email = mysqli_real_escape_string($conn, $_POST['email']);
18 $mobile = mysqli_real_escape_string($conn, $_POST['mobile']);
19
20 $sql = "INSERT INTO users (username, email, mobile) VALUES ('$username', '$email', '$mobile')";
21
22 if($conn->query($sql) === TRUE){
23     echo "Record Added Sucessfully";
24 }
25 else
26 {
27     echo "Error" . $sql . "<br/>" . $conn->error;
28 }
29 $conn->close();
30 ?>
```

Insert data and check



dbindex.php - Visual Studio Code

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dbindex.php x myhtml3.html myphp3.php

```
1
2
3 <!DOCTYPE html>
4 <html>
5 <head>
6   <title>database page</title>
7 </head>
8 <body>
9   <?php
10     $con =mysql_connect("localhost","root","");
11     mysql_select_db ('db4', $con);
12     $qry =mysql_query('select * from users');
13     echo 'you have total users:- ' ;
14     echo mysql_num_rows($qry);
15   ?>
16 </body>
17 </html>
18
19
20
```

127.0.0.1/dbindex.php

you have total users:- 3 >

Primary key

127.0.0.1/myphp3.php

ErrorINSERT INTO users (username, email, mobile) VALUES ('porag', 'porag@yahoo.com', '01700507524')
Duplicate entry '01700507524' for key 'PRIMARY'