

Database Connection, Database Creation, Table Creation

```
<?php

$conn = new mysqli('localhost','root',''); //establish connection

$sql = "CREATE DATABASE myDB"; //create database

if ($conn->query($sql) == TRUE) {

    echo "Database created successfully";

} else {

    echo mysqli_error($conn);

}

//$conn->close();

$conn = mysqli_connect('localhost','root','','myDB');

$sql = "CREATE TABLE Contact_Details ( Contact_ID int(3) primary key auto_increment, Name
varchar(20), Address varchar(20), Contact_No bigint)";

if (mysqli_query($conn, $sql)) {

    echo "<br>Table Contact_details created successfully";

} else {

    echo "<br>". "Error while creating table. ".mysqli_error($conn);

}

mysqli_close($conn);
```

Output:

Database created successfully

Table Contact_details created successfully

Menu Creation

```
<html>

<head>

<title>My Address Book</title>

</head>

<body>

<h1>My Address Book</h1>

<br>

<form action="add_entry.php" method="post">

<input type="hidden" name="operation" value="">

<input type="submit" value="Add Contact" style="width:250px">

</form>

<form action="del_entry.php" method="post">

<input type="hidden" name="operation" value="">

<input type="submit" value="Delete Contact" style="width:250px">

</form>

<form action="view_contacts.php" method="post">

<input type="hidden" name="operation" value="">

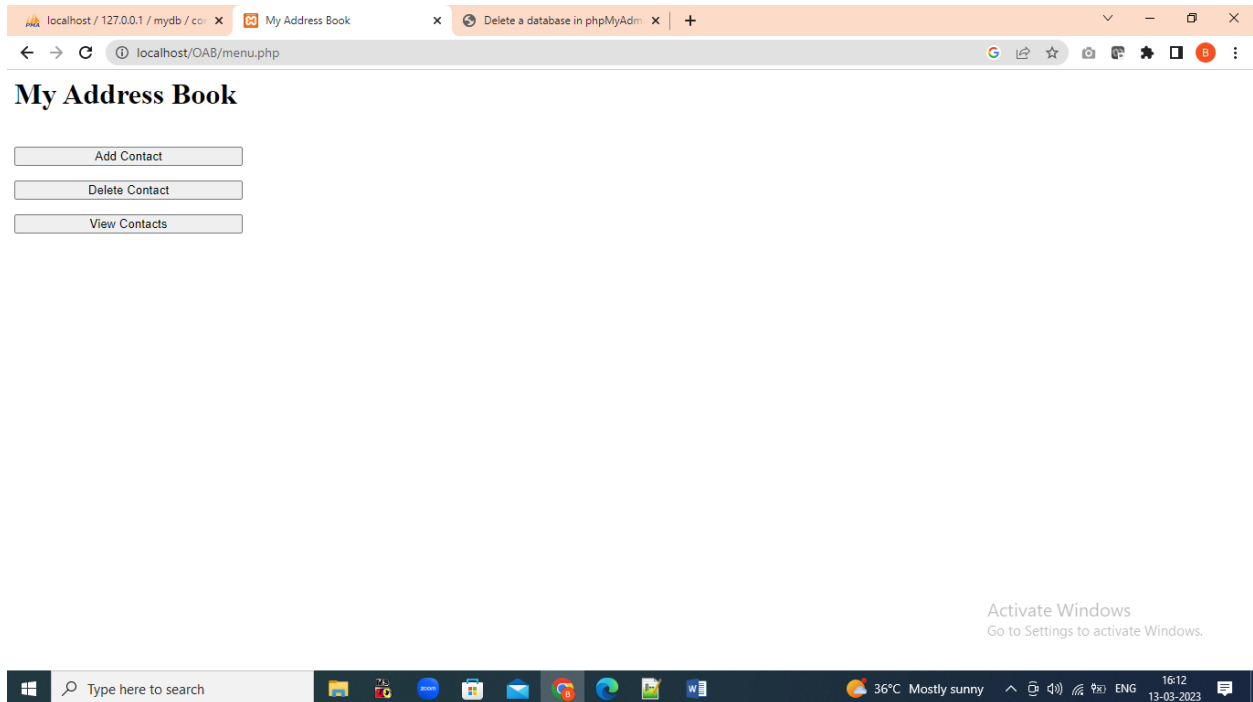
<input type="submit" value="View Contacts" style="width:250px">

</form>

</body>
```

</html>

Output:



Add Contact details

```
<?php
if ($_POST['operation'] != "add") {

$display_block = "<h1>Add an Entry</h1>

<form method='POST' action='$_SERVER[PHP_SELF]'>

<b>Name:</b><br>

<input type='text' name='Name' style='width:180px'><br>

<b>Address:</b><br>

<input type='text' name='Address' style='width:180px'><br>

<b>Contact Number:</b><br>

<input type='text' name='Tel_Num' style='width:180px'><br>

<input type='hidden' name='operation' value='add'><br>
```

```

<input type='submit' name='submit' value='Add Entry' style='width:180px'>

</form>

<form action = 'menu.php' method='post'>

<input type='submit' value='Cancel & Goto Main Menu' style='width:180px'></form>";

} else if ($_POST['operation'] == "add") {

$conn = mysqli_connect('localhost', 'root', '', 'mydb');

$add_record = "insert into Contact_Details(Name, Address, Contact_No) values ('$_POST[Name]',
'$_POST[Address]',
'$_POST[Tel_Num]')";

if($_POST['Name']=='' || $_POST['Address']=='' || $_POST['Tel_Num']==') $display_block =
"<h2>Contact details should not be Empty</h2>";

else{

mysqli_query($conn,$add_record);

$display_block = "<h1>Entry Added</h1>

<h2>Your entry has been added. Would you like to</h2>

<form action='add_entry.php' method='post'>

<input type='hidden' name='operation' value=''>

<input type='submit' value='Add Another Contact' style='width:180px'>

</form>";

}

$display_block.="<form action = 'menu.php' method='post'>

<input type='submit' value='Main Menu' style='width:180px'></form>";

}

?>

<html>

<body>

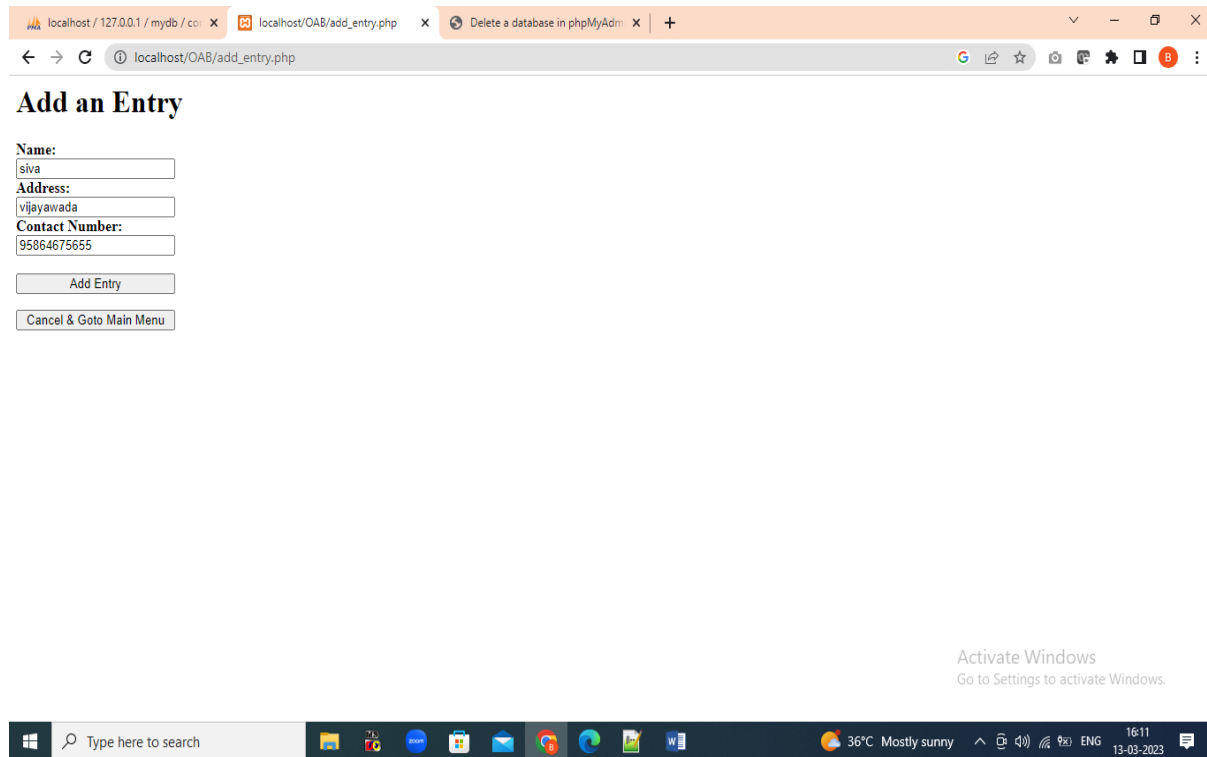
```

```
<?php print $display_block; ?>
```

```
</body>
```

```
</html>
```

Output:



The screenshot shows a web browser window with three tabs: 'localhost / 127.0.0.1 / mydb / co...', 'localhost/OAB/add_entry.php', and 'Delete a database in phpMyAdmin...'. The address bar shows 'localhost/OAB/add_entry.php'. The page title is 'Add an Entry'. The form contains three input fields: 'Name:' with the value 'siva', 'Address:' with the value 'vijayawada', and 'Contact Number:' with the value '95864675655'. Below the fields are two buttons: 'Add Entry' and 'Cancel & Goto Main Menu'. The Windows taskbar at the bottom shows the search bar, task view, and several application icons. The system tray on the right shows the temperature (36°C), weather (Mostly sunny), and the date and time (16:11, 13-03-2023).

localhost / 127.0.0.1 / mydb / co... localhost/OAB/add_entry.php Delete a database in phpMyAdmin... +

localhost/OAB/add_entry.php

Add an Entry

Name:
siva

Address:
vijayawada

Contact Number:
95864675655

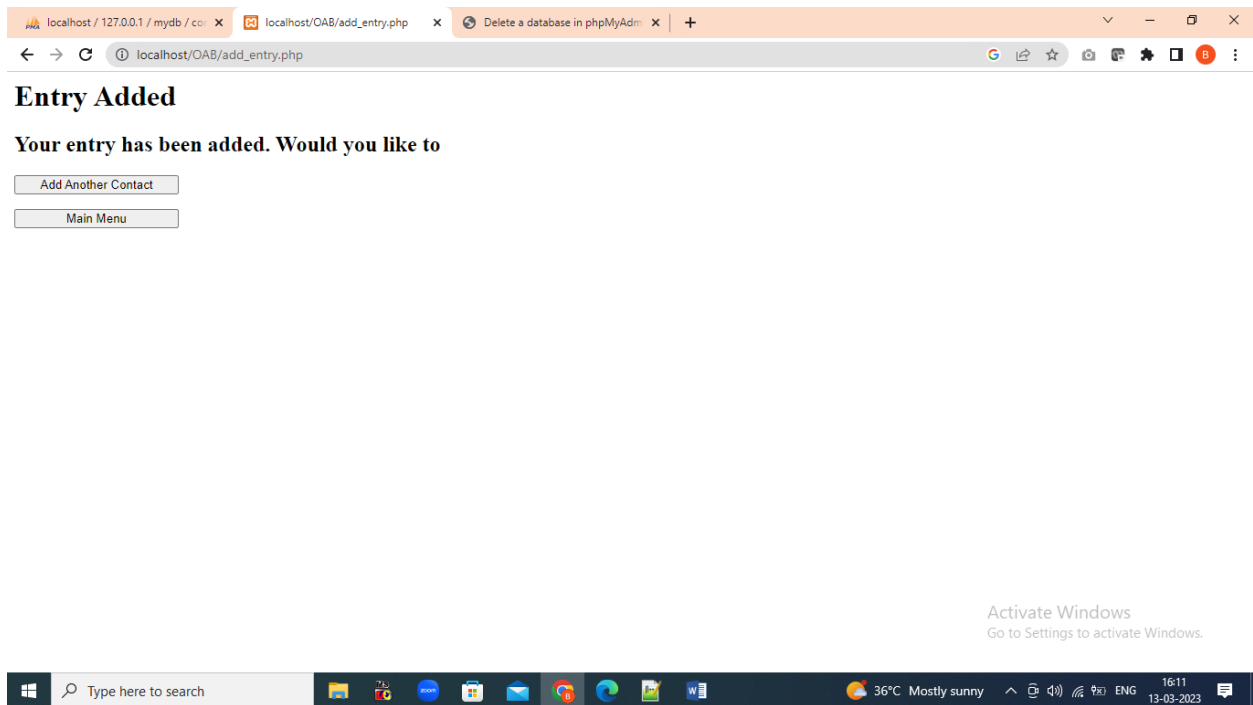
Add Entry

Cancel & Goto Main Menu

Activate Windows
Go to Settings to activate Windows.

Type here to search

36°C Mostly sunny 16:11 13-03-2023



Display Contact Details/View Contact Details

```
<?php

$username = 'root';

$password = '';

$database = 'mydb';

$conn = new mysqli('localhost', 'root', '', 'mydb');


$result = mysqli_query($conn,"SELECT * FROM contact_details");

$rows = mysqli_num_rows($result);

if($rows==0){

echo "<h2>No records in the database</h2><br><br>";

echo "<form action = 'menu.php' method='post'>";

echo "<input type='submit' value='Main Menu'></form>";

}
```

```

else{

$query = "SELECT name,address,contact_no FROM contact_details";

echo "<b><h2>Database Output</h2></b> <br>";

echo "<table bgcolor=pink width=25% border=1><tr><th width=33%>". "Name". "</th><th
width=33%>". "Address". "</th><th width=33%>". "Contact_No". "</th></tr></table>";

if ($result = $conn->query($query)) {

    while ($row = $result->fetch_assoc()) {

        $field1name = $row["name"];

        $field2name = $row["address"];

        $field3name = $row["contact_no"];

        echo "<table width=25% border=1><tr><td width=33%>";

            echo $field1name;

            echo "</td><td width=33%>";

            echo $field2name;

            echo "</td><td width=33%>";

            echo $field3name;

            echo "</td></tr></table>";

        }

echo "<br><form action = 'menu.php' method='post'>";

echo "<input type='submit' value='Main Menu'></form>";

$result->free();

}

}

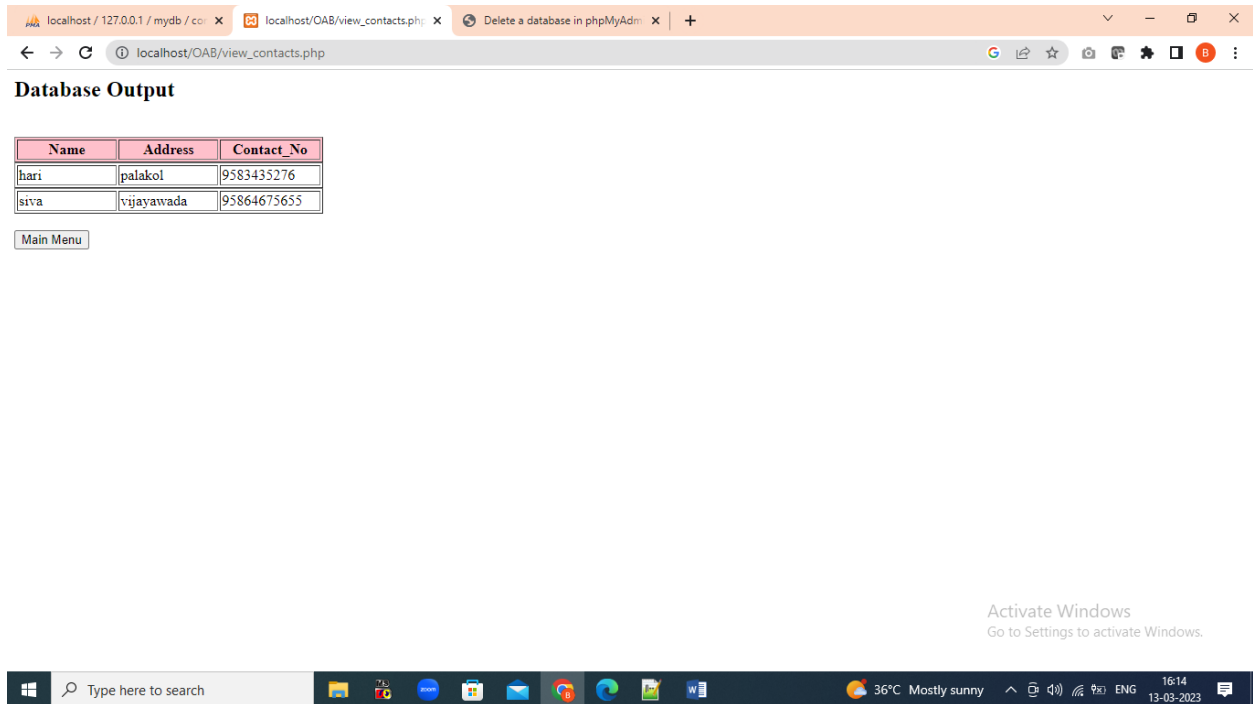
// $display_block = "No records in the database";

// $display_block.= "<form action = 'menu.php' method='post'><br>";

```

```
//<input type='submit' value='Main Menu' style='width:180px'></form>"
```

Output:



Delete Contact Details:

```
<?php  
  
$conn = mysqli_connect('localhost', 'root', '', 'mydb');  
  
if ($_POST['operation'] != "delete") {  
  
$result = mysqli_query($conn, "SELECT * FROM contact_details");  
  
$rows = mysqli_num_rows($result);  
  
if($rows>0){  
  
$display_block = "<h2>Select an Entry</h2>";  
  
$get_list = "select contact_id, Name as display_name from Contact_Details";  
  
$get_list_res = mysqli_query($conn,$get_list);
```

```

$display_block .= " <form method='POST' action='$_SERVER[PHP_SELF]'"

Select a Record to Delete:<br>

<select name='sel_id'>

<option value="">--- Select One ---</option>;

while ($recs = mysqli_fetch_array($get_list_res)) {

$id = $recs['contact_id'];

$display_name = $recs['display_name'];

$display_block .= "<option value='$id'>$display_name</option>";

}

$display_block .= " </select>

<input type='hidden' name='operation' value='delete'"

<p><input type='submit' name='submit' value='Delete Selected Entry' style='width:180px'"></p>

</form>

<form action = 'menu.php' method='post'>

<input type='submit' value='Cancel & Goto Main Menu' style='width:180px'"></form>;

}

else{

$display_block = "<h2>No records in the database</h2>";

$display_block.= "<form action = 'menu.php' method='post'"><br>

<input type='submit' value='Main Menu' style='width:180px'"></form>";

}

} else if ($_POST['operation'] == "delete") {

$del_query = "delete from Contact_Details where contact_id = $_POST[sel_id]";

$del_query_res = mysqli_query($conn,$del_query);

```

```
if ($_POST['sel_id']>0)

$display_block = "<h2>The selected contact is deleted</h2>

<form action = 'menu.php' method='post'>

<input type='submit' value='Main Menu' style='width:180px'></form>";

else $display_block = "<h2>No contact is selected.<h2><br>". "<form action='del_entry.php'
method='post'>

<input type='hidden' name='operation' value=''>

<input type='submit' value='Select Contact to Delete' style='width:250px'>

</form>";

}

?>

<html>

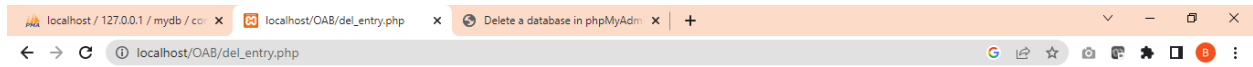
<body>

<?php print $display_block; ?>

</body>

</html>
```

Output:



Select an Entry

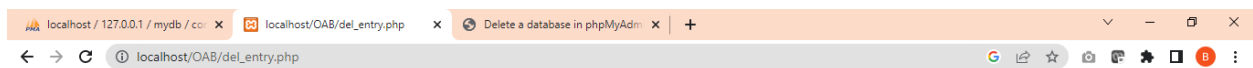
Select a Record to Delete:

siva

Delete Selected Entry

Cancel & Goto Main Menu

Activate Windows
Go to Settings to activate Windows.



The selected contact is deleted

[Main Menu](#)

Activate Windows
Go to Settings to activate Windows.

