

How to output SQL Database to Table

1. Create form using HTML code.

```
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
  <title>Simple HTML Form</title>
  <link type="text/css" rel="stylesheet" href="Form.css" />
</head>
<body>
<!--Script 2.1 - SQL_Form.html-->

<form action="SQL_Script2.php" method="request">

  <fieldset><legend>Enter your information in the form below:</legend>

  <p></label>First Name: <input type="text" name="firstname" size="20" maxlength="40" /></label></p>

  <p></label>Last Name: <input type="text" name="lastname" size="20" maxlength="40" /></label></p>

  <p></label>ID: <input type="text" name="id" size="20" maxlength="40" /></label></p>

  <p></label>Email Address: <input type="text" name="email" size="40" maxlength="60" /></label></p>

  <p></label for="gender">Gender: </label><input type="radio" name="gender" value="M" />
    Male <input type="radio" name="gender" value="F" /> Female</p>

  <p></label>Age: <input type="text" name="age" size="10" maxlength="40" /></label></p>

  <p></label>Comments: <textarea name="comments" rows="3" cols="40"></textarea></label></p>

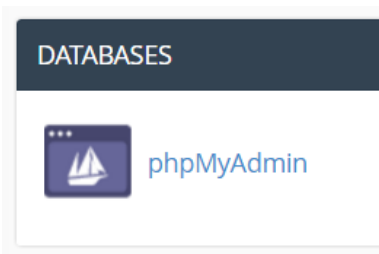
  </fieldset>

  <p align="center"><input type="submit" name="submit" value="Submit My Information" /></p>

</form>

</body>
</html>
```

2. Go to cpanel and under DATABASES, click phpMyAdmin.



3. Create database and create table within it.

A screenshot of the phpMyAdmin interface. On the left, there's a sidebar with a tree view showing a database named "nwtea16f" containing a table named "Tea_Table". The main area shows a table structure for "Tea_Table" with columns: "id", "firstname", "lastname", "email", "gender", "age", and "comments". Below the table structure, there's a "Create table" dialog box. The dialog has a "Name:" field and a "Number of columns:" field set to "4".

Table	Action	Rows	Type	Collation	Size	Overhead
SQL_DB	Browse Structure Search Insert Empty Drop	11	MyISAM	utf8_unicode_ci	1.4 KiB	-
Tea_Table	Browse Structure Search Insert Empty Drop	23	MyISAM	utf8_unicode_ci	2.3 KiB	-
2 tables	Sum	34	MyISAM	utf8_unicode_ci	3.6 KiB	0 B

4. Add in the column names and types.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/>	1 age	int(3)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
<input type="checkbox"/>	2 comments	text	utf8_unicode_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
<input type="checkbox"/>	3 email	text	utf8_unicode_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
<input type="checkbox"/>	4 firstname	text	utf8_unicode_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
<input type="checkbox"/>	5 gender	text	utf8_unicode_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
<input type="checkbox"/>	6 id	text	utf8_unicode_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
<input type="checkbox"/>	7 lastname	text	utf8_unicode_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values

5. Create PHP script and link it to the HTML form.

```
try{
if($conn = new PDO("mysql:host=$servername;dbname=rttea16f_SQL_DB", $username, $password)){
$conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
echo "Connected successfully <br>";

$age=$REQUEST['age'];
$comments=$REQUEST['comments'];
$email=$REQUEST['email'];
$firstname=$REQUEST['firstname'];
$gender=$REQUEST['gender'];
$id=$REQUEST['id'];
$lastname=$REQUEST['lastname'];

// starting from here we are filling table
$sql= "INSERT INTO Tea Table (age, comments, email, firstname, gender, id, lastname)
VALUES ('$age','$comments','$email','$firstname','$gender','$id','$lastname')";
$conn->exec($sql);
// Make the query:
$myConnection= mysql_connect("$servername","$username","$password") or die ("could not connect to mysql");
mysql_select_db("rttea16f_SQL_DB") or die ("no database");
$sql = "SELECT * FROM Tea Table ORDER BY id";
$result = mysql_query ($sql) or die(mysql_error()); // Run the query.

// Table header.
echo '<a target="_blank"><table style="border:1px solid black" align="center" cellspacing="3" cellpadding="3">
<tr>
<td align="left"><b>age</b></td>
<td align="left"><b>comments</b></td>
<td align="left"><b>email</b></td>
<td align="left"><b>firstname</b></td>
<td align="left"><b>gender</b></td>
<td align="left"><b>id</b></td>
<td align="left"><b>lastname</b></td></tr>';

// Fetch and print all the records:
while ($row = mysql_fetch_array($result, MYSQL_ASSOC)) {
echo '<tr>
<td align="left">' . $row['age'] . '</td>
<td align="left">' . $row['comments'] . '</td>
<td align="left">' . $row['email'] . '</td>
<td align="left">' . $row['firstname'] . '</td>
<td align="left">' . $row['gender'] . '</td>';
}
```

6. Fill in the form and hit submit.

Enter your information in the form below: _____

First Name:

Last Name:

ID:

Email Address:

Gender: ☐ Male ☐ Female

Age:

Comments:

7. Table is displayed on next page.

age	comments	email	firstname	gender	id	lastname
23		robteaw@gmail.com	Robert	M	1077528	Tea
23		robteaw@gmail.com	Robert	M	1077528	Tea
23		robteaw@gmail.com	Robert	M	1077528	Tea
23		robteaw@gmail.com	Robert	M	1077528	Tea
23		robteaw@gmail.com	Robert	M	1077528	Tea
23		robteaw@gmail.com	Robert	M	1077528	Tea
23	working database	robteaw@gmail.com		M	1077528	
23	working database	robteaw@gmail.com		M	1077528	
23	working database	robteaw@gmail.com	Robert	M	1077528	Tea
23	working database	robteaw@gmail.com	Robert	M	1077528	Tea
23	working database	robteaw@gmail.com	Robert	M	1077528	Tea
23	end working	robteaw@gmail.com	Robert	M	1077528	Tea
23	finish	robteaw@gmail.com	Robert	M	1077528	Tea
0		robteaw@gmail.com	Robert	M	10775288	Tea
0		robteaw@gmail.com	Robert	M	10775288	Tea
0		robteaw@gmail.com	Robert	M	10775288	Tea
0		robteaw@gmail.com	Robert	M	10775288	Tea
0		robteaw@gmail.com	Robert	M	10775288	Tea
23	working database	robteaw@gmail.com		M	10775288	
23	working database	robteaw@gmail.com		M	10775288	
23	working database	robteaw@gmail.com		M	10775288	
3		3	332	M	33	33