

Forms and PHP

Forms Submit Data

```
<p>Guessing game...</p>
<form>
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess"/></p>
<input type="submit"/>
</form>
```

FORM 1

The image displays three side-by-side screenshots of a web browser window, likely Firefox, illustrating the state of a form submission across three consecutive steps.

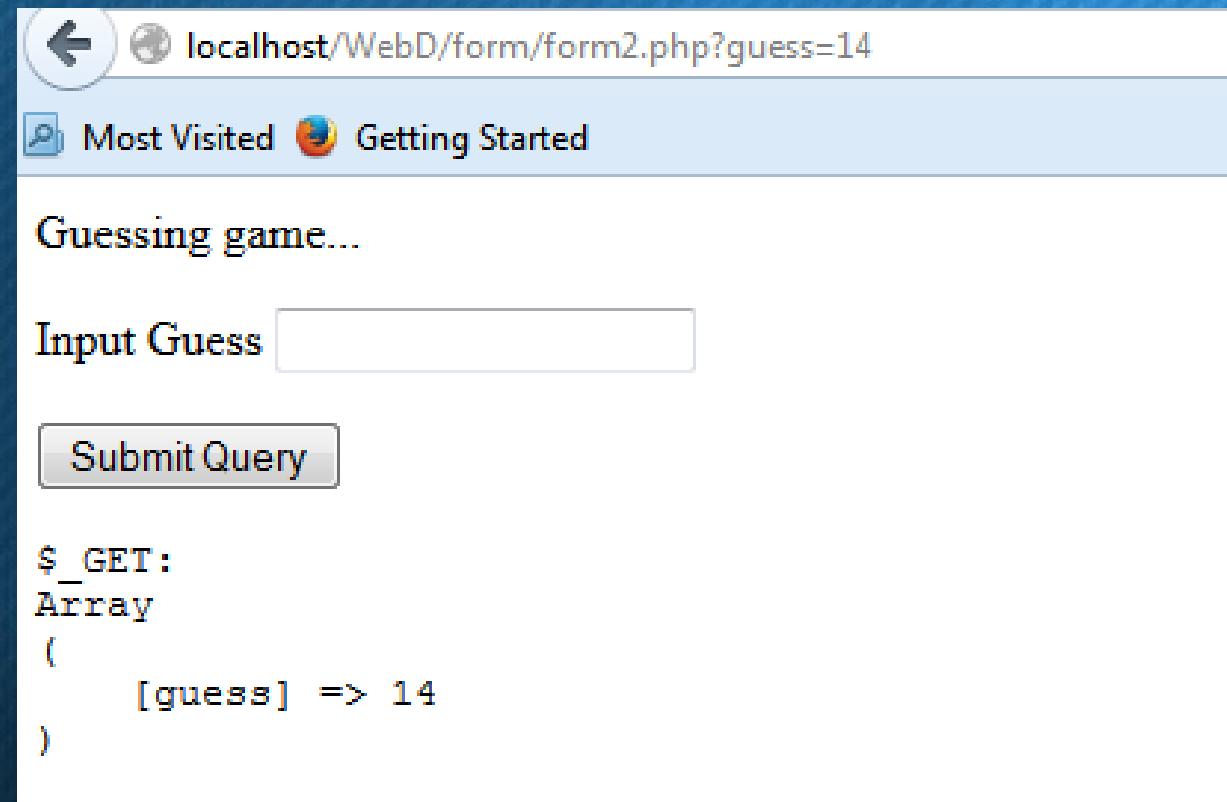
- Step 1:** The browser address bar shows "localhost/WebD/form/form1.php". The page content includes the text "Guessing game..." and a form with a label "Input Guess" and a text input field. A "Submit Query" button is at the bottom.
- Step 2:** The browser address bar shows "localhost/WebD/form/form1.php?guess=14". The page content remains the same, but the text input field now contains the value "14". The "Submit Query" button is still present.
- Step 3:** The browser address bar shows "localhost/WebD/form/form1.php?guess=14". The page content remains the same, but the text input field is now empty again. The "Submit Query" button is still present.

\$ GET and \$ POST

- PHP loads the values for the URL parameters into an array called `$_GET` and the POST parameters into an array called `$_POST`
- There is another array called `$_REQUEST` which merges GET and POST data

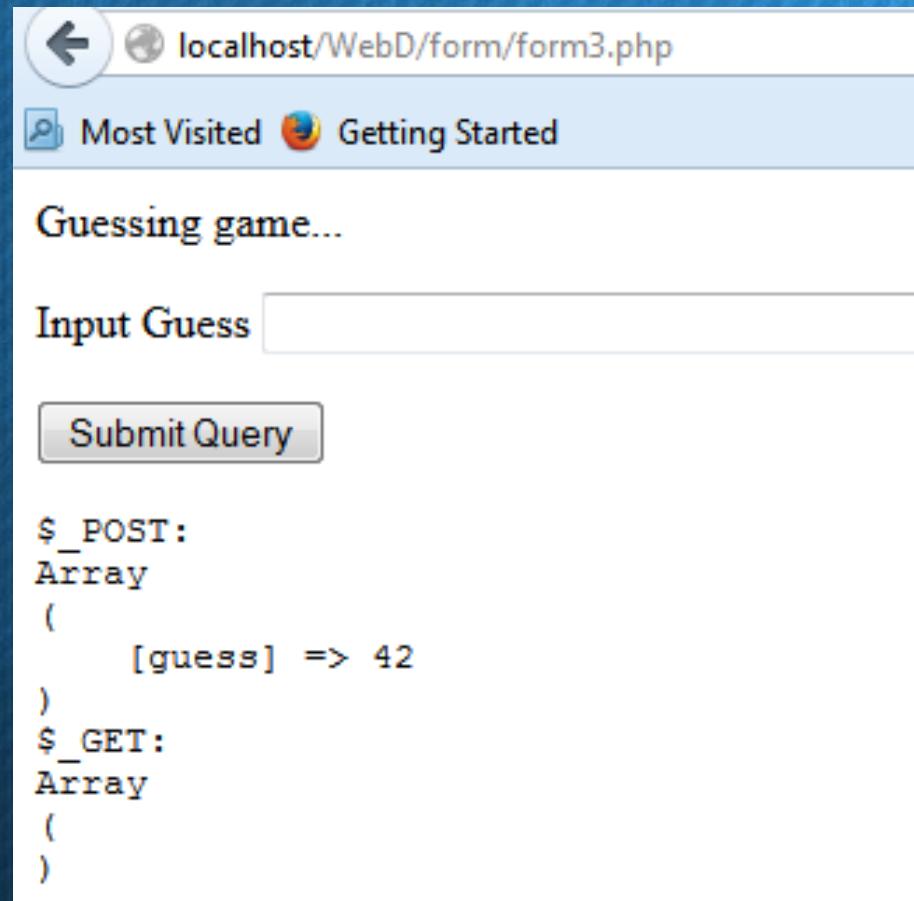
```
<p>Guessing game...</p>
<form>
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess"/></p>
<input type="submit"/>
</form>
<pre>
$_GET:
<?php
print_r($_GET) ;
?>
</pre>
```

FORM2



```
<p>Guessing game...</p>
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" size="40" id="guess"/></p>
<input type="submit"/>
</form>
<pre>
$_POST:
<?php
print_r($_POST);
?>
$_GET:
<?php
print_r($_GET);
?>
</pre>
```

FORM3



FORM4

```
<?php  
$oldguess = isset($_POST['guess']) ?  
$_POST['guess'] : '';  
?>  
<p>Guessing game...</p>  
<form method="post">  
<p><label for="guess">Input Guess</label>  
<input type="text" name="guess" id="guess" size="40"  
<?php  
echo 'value="' . $oldguess . '"';  
?>  
</p>  
<input type="submit"/>  
</form>
```

Hygiene Alert!

- What happens when we use an HTML character in a form field value??

localhost/WebD/form/form4.php

Most Visited Getting Started

Guessing game...

Input Guess <input type="text" value=">die die">

Submit Query

\$_POST:
Array
(
 [guess] => ">die die"
)

localhost/WebD/form/form4.php

Most Visited Getting Started

Guessing game...

Input Guess <input type="text" value="die die"/>

Submit Query

\$_POST:
Array
(
 [guess] => "die die"/>
)

```
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess"
value=""><b>DIE DIE</b> "></p>
<input type="submit"/>
</form>
```

A screenshot of a web browser window. The address bar shows "localhost/WebD/form/form4.php". The page title is "Getting Started". The main content area displays a "Guessing game..." heading, an input field labeled "Input Guess" containing the value "die die", and a "Submit Query" button. Below the form, the output of the \$_POST variable is shown as an array:

```
$ _POST:
Array
(
    [guess] => ">die die
")
```

To The Rescue: htmlentities()

```
<form method="post">                                              FORM5
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess" size="40"
<?php
echo 'value="'.htmlentities($oldguess).'";
?>
/></p>
<input type="submit"/>
</form>
```

```
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess" size="40"
<?php
echo 'value="'.htmlentities($oldguess).'";
?>
/></p>
<input type="submit"/>
</form>
```

FORM4

localhost/WebD/form/form5.php

Most Visited Getting Started

Guessing game...

Input Guess >DIE DIE

Submit

```
<input type="text" name="guess" id="guess" size="40"
value="&quot;&gt;&lt;b&gt;DIE DIE&lt;/b&gt;" /></p>
```

`$_POST:`

`Array`

`(`

`[guess] => ">DIE DIE`

`)`

The \$ POST Variable

- There are many patterns for handling POST data
- No "rules" just "suggestions"

```
<?php
$guess = '';
$message = false;
if ( isset($_POST['guess']) ) {
// Trick for integer / numeric parameters
$guess = $_POST['guess'] + 0;
if ( $guess == 42 ) {
$message = "Great job!";
} else if ( $guess < 42 ) {
$message = "Too low";
} else {
$message = "Too high...";
}
}
?>

<html>
<head>
<title>A Guessing game</title>
</head>
<body style="font-family: sans-serif;">
<p>Guessing game...</p>
<?php
if ( $message !== false ) {
echo("<p>$message</p>\n");
}
?>
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess" size="40"
<?php
echo 'value="' . htmlentities($guess) . '"';
?>
/></p>
<input type="submit"/>
</form>
</body>
```

Completely process incoming POST data (if any) - produce no output.

Produce the page output.

```
<?php
$guess = '';
$message = false;
if ( isset($_POST['guess']) ) {
// Trick for integer / numeric parameters
$guess = $_POST['guess'] + 0;
if ( $guess == 42 ) {
$message = "Great job!";
} else if ( $guess < 42 ) {
$message = "Too low";
} else {
$message = "Too high...";
}
}
?>
```

```
<html>
<head>
<title>A Guessing game</title>
</head>
<body style="font-family: sans-serif;">
<p>Guessing game...</p>
<?php
if ( $message !== false ) {
echo "<p>$message</p>\n";
}
?>
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess"
size="40"
<?php
echo 'value="' . htmlspecialchars($guess) . '"';
?>
/></p>
<input type="submit"/>
</form>
</body>
```

guess.php

```
<?php
$guess = '';
$message = false;
if ( isset($_POST['guess']) ) {
// Trick for integer / numeric parameters
$guess = $_POST['guess'] + 0;
if ( $guess == 42 ) {
$message = "Great job!";
} else if ( $guess < 42 ) {
$message = "Too low";
} else {
$message = "Too high...";
}
}
?>

<html>
<head>
<title>A Guessing game</title>
</head>
<body style="font-family: sans-serif;">
<p>Guessing game...</p>
<?php
if ( $message !== false ) {
echo("<p>$message</p>\n");
}
?>
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess" size="40"
<?php
echo 'value="' . htmlentities($guess) . '"';
?>
/></p>
<input type="submit"/>
</form>
</body>
```

```
<?php
$guess = '';
$message = false;
if ( isset($_POST['guess']) ) {
// Trick for integer / numeric
parameters
$guess = $_POST['guess'] + 0;
if ( $guess == 42 ) {
$message = "Great job!";
} else if ( $guess < 42 ) {
$message = "Too low";
} else {
$message = "Too high...";
}
}
?>

<html>
.....
```

```
<?php
$guess = '';
$message = false;
if ( isset($_POST['guess']) ) {
// Trick for integer / numeric parameters
$guess = $_POST['guess'] + 0;
if ( $guess == 42 ) {
$message = "Great job!";
} else if ( $guess < 42 ) {
$message = "Too low";
} else {
$message = "Too high...";
}
}
?>

<html>
<head>
<title>A Guessing game</title>
</head>
<body style="font-family: sans-serif;">
<p>Guessing game...</p>
<?php
if ( $message !== false ) {
echo("<p>$message</p>\n");
}
?>
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess" size="40"
<?php
echo 'value="' . htmlentities($guess) . '"';
?>
/></p>
<input type="submit"/>
</form>
</body>
...?>
<html>
<head>
<title>A Guessing game</title>
</head>
<body style="font-family: sans-serif;">
<p>Guessing game...</p>
<?php
if ( $message !== false ) {
echo("<p>$message</p>\n");
}
?>
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess" size="40"
<?php
echo 'value="' . htmlentities($guess) . '"';
?>
/></p>
<input type="submit"/>
</form>
</body>
```

```
<?php  
$guess = '';  
$message = false;  
if ( isset($_POST['guess']) ) {  
// Trick for integer / numeric parameters  
$guess = $_POST['guess'] + 0;  
if ( $guess == 42 ) {  
$message = "Great job!";  
} else if ( $guess < 42 ) {  
$message = "Too low";  
} else {  
$message = "Too high...";  
}  
}  
?  
<html>  
.....
```

A screenshot of a web browser window. The address bar shows the URL `localhost/WebD/form/guess.php`. The page content is a guessing game. It displays the message "Guessing game..." followed by "Too high...". Below this is an input field labeled "Input Guess" containing the value "101". At the bottom is a "Submit Query" button.

localhost/WebD/form/guess.php

Most Visited Getting Started

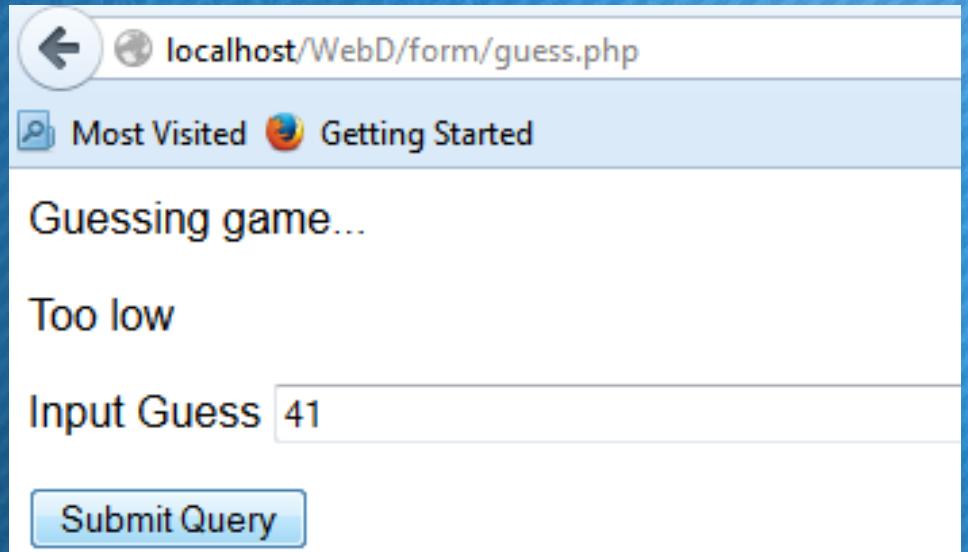
Guessing game...

Too high...

Input Guess 101

Submit Query

```
...?>
<html>
<head>
<title>A Guessing game</title>
</head>
<body style="font-family: sans-serif;">
<p>Guessing game...</p>
<?php
if ( $message !== false ) {
echo ("<p>$message</p>\n");
}
?>
<form method="post">
<p><label for="guess">Input Guess</label>
<input type="text" name="guess" id="guess"
size="40"
<?php
echo 'value="' . htmlentities($guess) .
'";
?>
/></p>
<input type="submit"/>
</form>
</body>
```



guess.php

Other Input Type

- Text
- Password
- Radio Button
- Check Box
- Select / Drop-Down
- TextArea

Many field types...

Account:

Password:

Nick Name:

Preferred Time:

AM
 PM

Classes taken:

CMPU2022 - Web Development2
 CMPU2007 - Database1
 CMPU2012 - Mathematics

Which drink:

Which snack:

Tell us about yourself:
I love building web sites in PHP and MySQL.

Which are awesome?

Python
CSS
HTML
PHP

```
<p><label for="inp01">Account:</label>
<input type="text" name="account" id="inp01" size="40" ></p>
<p><label for="inp02">Password:</label>
<input type="password" name="pw" id="inp02" size="40" ></p>
<p><label for="inp03">Nick Name:</label>
<input type="text" name="nick" id="inp03" size="40" ></p>
```

Many field types...

Account: Xiaoling

Password: *****

Nick Name: Cindy

```
$_POST:
Array
(
    [account] => Xiaoling
    [pw] => 12345
    [nick] => Cindy
    [when] => pm
    ...
)
```

moreform.php

```
<p>Preferred Time:<br/>
<input type="radio" name="when" value="am">AM<br>
<input type="radio" name="when" value="pm" checked>PM</p>
```

Preferred Time:

AM

PM

```
$_POST:
Array
(
...
[nick] => Cindy
[when] => pm
[class] => CMPU2022
```

...

)

moreform.php

```
<p>Classes taken:<br/>
<input type="checkbox" name="class" value="CMPU2022" checked>
CMPU2022 - Web Development2<br>
<input type="checkbox" name="class" value="CMPU2007">
CMPU2007 - Database1<br>
<input type="checkbox" name="class" value="CMPU2012">
CMPU2012 - Mathematics<br></p>
```

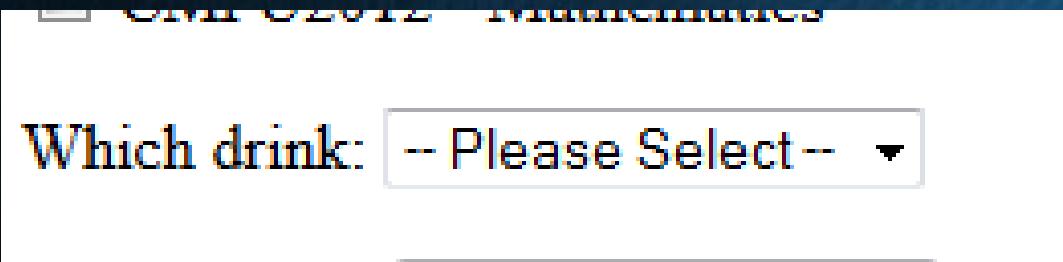
Classes taken:

- CMPU2022 - Web Development2
- CMPU2007 - Database1
- CMPU2012 - Mathematics

```
$_POST:  
Array  
(  
...  
[when] => pm  
[class] => CMPU2022  
[drink] => 0  
...  
)
```

moreform.php

```
<p><label for="inp06">Which drink:  
<select name="drink" id="inp06">  
  <option value="0">-- Please Select --</option>  
  <option value="1">Coke</option>  
  <option value="2">Pepsi</option>  
  <option value="3">Mountain Dew</option>  
  <option value="4">Orange Juice</option>  
  <option value="5">Lemonade</option>  
</select>  
</p>
```



A screenshot of a web browser window. Inside, there is a form field labeled "Which drink:" followed by a dropdown menu. The dropdown menu has a placeholder text "Please Select" and five options: Coke, Pepsi, Mountain Dew, Orange Juice, and Lemonade.

```
$_POST:  
Array  
(  
...  
[class] => CMPU2022  
[drink] => 0  
[snack] => peanuts  
...  
)
```

moreform.php

```
<p><label for="inp07">Which snack:</label>
<select name="snack" id="inp07">
<option value="">-- Please Select --</option>
<option value="crisps">Crisps</option>
<option value="peanuts" selected>Peanuts</option>
<option value="cookie">Cookie</option>
</select></p>
```

Which snack: Peanuts

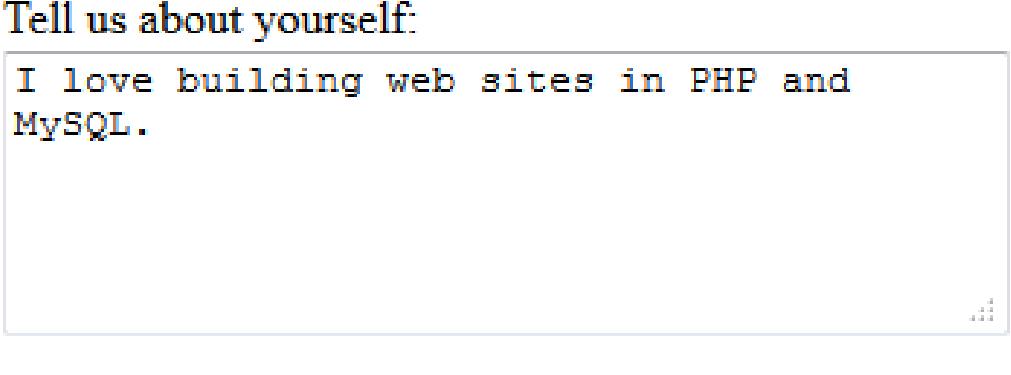
Tell us about yourself:

```
$_POST:
Array
(
...
[drink] => 0
[snack] => peanuts
...
)
```

```
<p><label for="inp08">Tell us about yourself:<br/>
<textarea rows="5" cols="40" id="inp08" name="about">
I love building web sites in PHP and MySQL.
</textarea></p>
```

Tell us about yourself:

I love building web sites in PHP and MySQL.



```
$_POST:  
Array  
(  
...  
[about] => I love  
building web sites in  
PHP and MySQL.  
...  
)
```

moreform.php

```
<p><label for="inp09">Which are awesome?<br/>
<select multiple="multiple" name="code[]" id="inp09">
<option value="python">Python</option>
<option value="css">CSS</option>
<option value="html">HTML</option>
<option value="php">PHP</option>
</select>
```

Which are awesome?

- Python
- CSS
- HTML
- PHP

Submit **Escape**

```
$_POST:
Array
(
...
[code] => Array
    (0) => css
    (1) => html
)
[dopost] => Submit
...
)
```

moreform.php

```
<p>
<input type="submit" name="dopost" value="Submit"/>
<input type="button" onclick="location.href='http://www.php-
intro.com/' ;
return false;" value="Escape">
</p>
```

Which are awesome?

- Python
- CSS
- HTML
- PHP

Submit

Escape

`$_POST:`
`Array`
`(`
`...`
`[dopost] => Submit`
`...`
`)`

moreform.php

HTML5 Input Types

- HTML5 defines new input types
- Not all browsers support all input types
- The fall back to type="text"
- http://www.w3schools.com/html/html5_form_input_types.asp

Summary

- Forms, \$_GET and \$_POST
- Sanitizing HTML
- Form fields
- New form fields in HTML5

CRUD!

CRUD Pattern

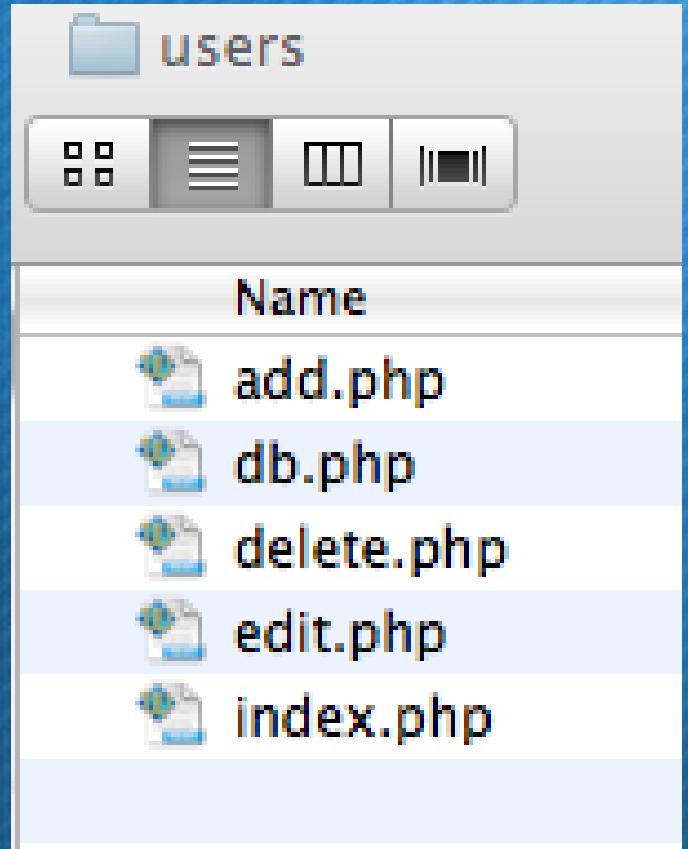
- When we store things in database tables we generally need
 - Create- Insert a new row
 - Read- Read existing row(s)
 - Update- Change some values of a record
 - Delete- Delete a record

Our Program is a little Ugly

- Usually we create several screens
 - Add new row
 - View all rows (paging)
 - View single row
 - Edit single row
 - Delete a row

Five Separate Files

- index.php - Main list and links to other files
- add.php - Add a new entry
- delete.php - Delete an entry
- edit.php - Edit existing
- view.php(if index.php needed a detail view)



index.php

```
1  <?php
2  require_once "database.php";
3  $sql = "SELECT UserID, Username, Password, email FROM user";
4  $result = $conn->query($sql);
5  if ($result->num_rows > 0) {
6      // output data of each row in a table
7      echo "<table border='1'>";
8      while($row = $result->fetch_assoc()) {
9          echo "<tr><td>";
10         echo(htmlentities($row["Username"]));
11         echo("</td><td>");
12         echo(htmlentities($row["Password"]));
13         echo("</td><td>");
14         echo(htmlentities($row["email"]));
15         echo("</td><td>\n");
16         echo('<a href="edit.php?id=' . htmlentities($row["UserID"]) . '">Edit</a> / ');
17         echo('<a href="delete.php?id=' . htmlentities($row["UserID"]) . '">Delete</a>');
18         echo("</td></tr>\n");
19     } } else {
20         echo "0 results";
21     }
22     $conn->close();
23     ?>
24     </table>
25     <a href="add.php">Add New</a>
```

add.php

```
1  <?php
2  require_once "database.php";
3  if ( isset($_POST['name']) && isset($_POST['email'])
4  && isset($_POST['password'])) {
5      $n = $conn -> real_escape_string($_POST['name']);
6      $e = $conn -> real_escape_string($_POST['email']);
7      $p = $conn -> real_escape_string($_POST['password']);
8      $sql = "INSERT INTO user (Username, Password, email)
9      VALUES ('$n', '$p', '$e')";
10     echo "<pre>\n$sql\n</pre>\n";
11     $conn->query($sql);
12     echo 'Success - <a href="index.php">Continue...</a>';
13     return;
14 }
15 ?>
16 <p>Add A New User</p>
17 <form method="post">
18 <p>Name:<br/>
19 <input type="text" name="name"></p>
20 <p>Email:<br/>
21 <input type="text" name="email"></p>
22 <p>Password:<br/>
23 <input type="password" name="password"></p>
24 <p><input type="submit" value="Add New"/>
25 <a href="index.php">Cancel</a></p>
26 </form>
```

localhost/WebD/users/add.php

Add A New User

Name: Xiaoling Liu

Email: cindy.liu@tudublin.ie

Password: *****

Add New Cancel

add.php

```
1 <?php
2 require_once "database.php";
3 if ( isset($_POST['name']) && isset($_POST['email'])
4 && isset($_POST['password'])) {
5     $n = $conn -> real_escape_string($_POST['name']);
6     $e = $conn -> real_escape_string($_POST['email']);
7     $p = $conn -> real_escape_string($_POST['password']);
8     $sql = "INSERT INTO user (Username, Password, email)
9 VALUES ('$n', '$p', '$e')";
10 echo "<pre>\n$sql\n</pre>\n";
11 $conn->query($sql);
12 echo 'Success - <a href="index.php">Continue...</a>';
13 return;
14 }
15 ?>
16 <p>Add A New User</p>
17 <form method="post">
18 <p>Name:<br/>
19 <input type="text" name="name"></p>
20 <p>Email:<br/>
21 <input type="text" name="email"></p>
22 <p>Password:<br/>
23 <input type="password" name="password"></p>
24 <p><input type="submit" value="Add New"/>
25 <a href="index.php">Cancel</a></p>
26 </form>
```

← → ⌂ ⓘ localhost/WebD/users/add.php

```
INSERT INTO user (Username, Password, email)
VALUES ('php', 'php', 'php@tudublin.ie')
```

Success - [Continue...](#)

← → ⌂ ⓘ localhost/WebD/users/index.php

Cindy	letmein	cindy.liu@tudublin.ie	Edit / Delete
somethingelse	pass	s@s.ie	Edit / Delete
Jade	jade	jade@gmail.com	Edit / Delete
test	test	test@test.ie	Edit / Delete
test	test	test@test.ie	Edit / Delete
dt211	dt211	dt211@tudublin.ie	Edit / Delete
Xiaoling Liu	cindy	cindy.liu@tudublin.ie	Edit / Delete
php	php	php@tudublin.ie	Edit / Delete

[Add New](#)

delete.php

```
1 <?php
2 require_once "database.php";
3 if ( isset($_POST['delete']) && isset($_POST['id']) ) {
4     $id = $conn -> real_escape_string($_POST['id']);
5     $sql = "DELETE FROM user WHERE UserID = $id";
6     echo "<pre>\n$sql\n</pre>\n";
7     $conn->query($sql);
8     echo 'Success - <a href="index.php">Continue...</a>';
9     return;
10 }
11 $id = $conn -> real_escape_string($_GET['id']);
12 $sql = "SELECT Username,UserID FROM user WHERE UserID='$id'";
13 $result = $conn->query($sql);
14 $row = $result->fetch_assoc();
15 echo "<p>Confirm: Deleting ". $row["Username"] . "</p>\n";
16 echo ('<form method="post"><input type="hidden" ' );
17 echo ('name="id" value="'. htmlentities($row["UserID"]) .'>' . "\n");
18 echo ('<input type="submit" value="Delete" name="delete">');
19 echo ('<a href="index.php">Cancel</a>');
20 echo ("\n</form>\n");
21 ?>
```

localhost/WebD/users/index.php

Cindy	letmein	cindy.liu@tudublin.ie	Edit / Delete
somethingelse	pass	s@s.ie	Edit / Delete
Jade	jade	jade@gmail.com	Edit / Delete
test	test	test@test.ie	Edit / Delete
test	test	test@test.ie	Edit / Delete
dt211	dt211	dt211@tudublin.ie	Edit / Delete
Xiaoling Liu	cindy	cindy.liu@tudublin.ie	Edit / Delete
php	php	php@tudublin.ie	Edit / Delete
Add New			

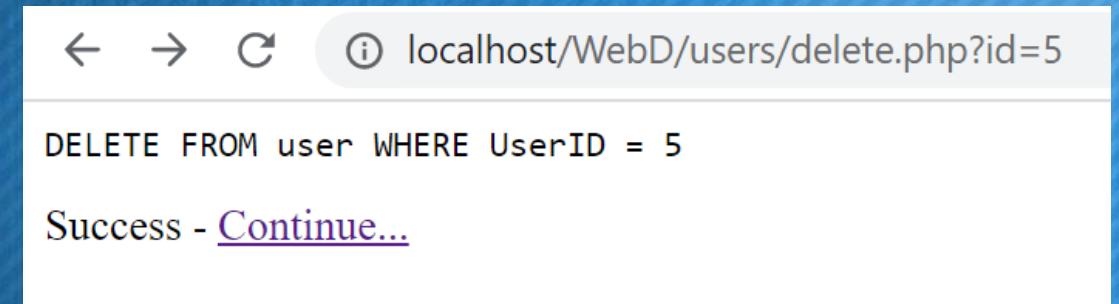
localhost/WebD/users/delete.php?id=

Confirm: Deleting test

[Cancel](#)

delete.php

```
1 <?php
2 require_once "database.php";
3 if ( isset($_POST['delete']) && isset($_POST['id']) ) {
4     $id = $conn -> real_escape_string($_POST['id']);
5     $sql = "DELETE FROM user WHERE UserID = $id";
6     echo "<pre>\n$sql\n</pre>\n";
7     $conn->query($sql);
8     echo 'Success - <a href="index.php">Continue...</a>';
9     return;
10 }
11 $id = $conn -> real_escape_string($_GET['id']);
12 $sql = "SELECT Username,UserID FROM user WHERE UserID='$id'";
13 $result = $conn->query($sql);
14 $row = $result->fetch_assoc();
15 echo "<p>Confirm: Deleting ". $row["Username"] . "</p>\n";
16 echo ('<form method="post"><input type="hidden" ''');
17 echo ('name="id" value="'. htmlentities($row["UserID"]) . '">' . "\n");
18 echo ('<input type="submit" value="Delete" name="delete">');
19 echo ('<a href="index.php">Cancel</a>');
20 echo ("\n</form>\n");
21 ?>
```



A screenshot of a web browser window. The address bar shows the URL: localhost/WebD/users/index.php. The main content area displays a table of user data. The table has columns for Username, UserID, and Email, along with Edit and Delete links for each row. The data includes:

Cindy	letmein	cindy.liu@tudublin.ie	Edit / Delete
somethingelse	pass	s@s.ie	Edit / Delete
Jade	jade	jade@gmail.com	Edit / Delete
test	test	test@test.ie	Edit / Delete
dt211	dt211	dt211@tudublin.ie	Edit / Delete
Xiaoling Liu	cindy	cindy.liu@tudublin.ie	Edit / Delete
php	php	php@tudublin.ie	Edit / Delete

[Add New](#)

edit.php

```
1 <?php
2 require_once "database.php";
3 if ( isset($_POST['name']) && isset($_POST['email'])
4 && isset($_POST['password']) && isset($_POST['id']) ) {
5 $n = $conn -> real_escape_string($_POST['name']);
6 $e = $conn -> real_escape_string($_POST['email']);
7 $p = $conn -> real_escape_string($_POST['password']);
8 $id = $conn -> real_escape_string($_POST['id']);
9 $sql = "UPDATE user SET Username='$n', email='$e',
10 Password='$p' WHERE UserID='$id'";
11 echo "<pre>\n$sql\n</pre>\n";
12 $conn->query($sql);
13 echo 'Updated - <a href="index.php">Continue...</a>';
14 return;
15 }
16 $id = $conn -> real_escape_string($_GET['id']);
17 $sql = "SELECT Username, Password, email, UserID FROM user WHERE UserID='$id'";
18 $result = $conn->query($sql);
19 $row = $result->fetch_assoc();
20 $n = htmlentities($row["Username"]);
21 $e = htmlentities($row["email"]);
22 $p = htmlentities($row["Password"]);
23 $id = htmlentities($row["UserID"]);
```

edit.php

```
18 $result = $conn->query($sql);
19 $row = $result->fetch_assoc();
20 $n = htmlentities($row["Username"]);
21 $e = htmlentities($row["email"]);
22 $p = htmlentities($row["Password"]);
23 $id = htmlentities($row["UserID"]);

24

25 echo <<< _END
26 <p>Edit User</p>
27 <form method="post">
28 <p>Name:
29 <input type="text" name="name" value="$n"></p>
30 <p>Email:
31 <input type="text" name="email" value="$e"></p>
32 <p>Password:
33 <input type="password" name="password" value="$p"></p>
34 <input type="hidden" name="id" value="$id">
35 <p><input type="submit" value="Update"/>
36 <a href="index.php">Cancel</a></p>
37 </form>
38 _END
39 ?>
```

edit.php

← → ⌂ ⓘ localhost/WebD/users/index.php

Cindy	letmein	cindy.liu@tudublin.ie	Edit / Delete
somethingelse	pass	s@s.ie	Edit / Delete
Jade	jade	jade@gmail.com	Edit / Delete
test	test	test@test.ie	Edit / Delete
dt211	dt211	dt211@tudublin.ie	Edit / Delete
Xiaoling Liu	cindy	cindy.liu@tudublin.ie	Edit / Delete
php	php	php@tudublin.ie	Edit / Delete

[Add New](#)

← → ⌂ ⓘ localhost/WebD/users/edit.php?id=11

```
UPDATE user SET Username='php', email='php@tudublin.ie', Password='phpphp' WHERE UserID='11'
```

Updated - [Continue...](#)

← → ⌂ ⓘ localhost/WebD/users/edit.php?id=11

Edit User

Name:

Email:

Password:

[Update](#) [Cancel](#)

← → ⌂ ⓘ localhost/WebD/users/index.php

Cindy	letmein	cindy.liu@tudublin.ie	Edit / Delete
somethingelse	pass	s@s.ie	Edit / Delete
Jade	jade	jade@gmail.com	Edit / Delete
test	test	test@test.ie	Edit / Delete
dt211	dt211	dt211@tudublin.ie	Edit / Delete
Xiaoling Liu	cindy	cindy.liu@tudublin.ie	Edit / Delete
php	phpphp	php@tudublin.ie	Edit / Delete

[Add New](#)

Summery

- Making database connections
- Sanitizing HTML
- Inserting and Deleting
- Security: Sanitizing SQL
- A multi-file CRUD application