

## LAB 8

### FORM FEEDBACK

#### 1. Creating HTML form

- Create a new HTML document using a text editor.
- Insert the following form tag:  
`<form action = "handle_form.php" method="post" >`
- Create the HTML form

```

1  <html>
2  <head>
3    <title>Personal Info</title>
4  </head>
5  <body>
6    <form action = "handle_form.php" method="post">
7    <p><b>Name</b><input type="text" size="12" maxlength="12" name="name"><p />
8    <p><b>Email Address:</b> <input type="text" size="12" maxlength="36" name="email"><p />
9    <p><b>Gender</b>
10   <input type="radio" name="gender" value="M" /> Male
11   <input type="radio" name="gender" value="F" /> Female
12 </p>
13 <p><b>Age:</b>
14 <select name="age">
15   <option value="0-30">Under 30</option>
16   <option value="30-60">Between 30 and 60</option>
17   <option value="60+">Over 60</option>
18 </select></p>
19 <p><b>Comments:</b> <textarea name="comments" rows="3" cols="50"> </textarea></p>
20 <div align="center"> <input type="submit" name="submit" value="Submit Information" />
21 </div>
22 </form>
23 </body>
24 </html>

```

- Save the file as **form.html**, in the root directory and run it on browser.

#### 2. Handling an HTML Form

- Create a new PHP document. Add the PHP tags and print out the received values of name, email and comments of the HTML form elements.

```

1  <html>
2  <head>
3    <title>Form Feedback</title>
4  </head>
5  <body>
6    <?php #Script handle form
7
8    echo "<p> Thank you, <b>".$_POST["name"].
9    "</b> for the following comments: <br/>".
10   $_POST["comments"]."<p>We will reply to you at <i>".
11   $_POST["email"]." </i></p>";
12
13   ?>
14 </body>
15 </html>

```

- Save the file as **handle\_form.php**, in the root directory and run it on browser.

### 3. Validating Form Data

- a) Open **handle\_form.php** file. Delete the **echo** statement and add the following script, to check if the name was entered.

```

10      if (strlen($_POST["name"]) >0){
11          $_POST["name"] = $_POST["name"];
12      }
13      else{
14          $_POST["name"] = null;
15
16          echo '<p><b> You Forgot to Enter Your Name! </b></p>';
17      }

```

- b) Repeat the same process for comments and email address

```

18      if (strlen($_POST["comments"]) >0){
19          $_POST["comments"] = $_POST["comments"];
20      }
21      else{
22          $_POST["comments"] = null;
23
24          echo '<p><b> You Forgot to Enter Your Comments! </b></p>';
25      }
26      if (!(strlen($_POST["email"]) >0)){
27          $_POST["email"] = null;
28          echo '<p><b> You Forgot to Enter Your Emails! </b></p>';
29      }

```

- c) Check the status of gender

```

31      if (isset($_POST["gender"])){
32          if ($_POST["gender"] == 'M'){
33              $message = '<b><p>Good Day, Sir </b></p>';
34          }
35          if ($_POST["gender"] == 'F'){
36              $message = '<b><p>Good Day, Madam </b></p>';
37          }
38      } else{
39          $_POST["gender"] = null;
40          echo '<p><b> You Forgot to Choose Your Gender! </b></p>';
41      }

```

- d) Print the messages if all of the tests have been passed

```

43      if ($_POST["name"] && $_POST["comments"] && $_POST["email"] && $_POST["gender"]) {
44          echo "Thank you," . $_POST["name"]. " for the following comments: <br /> <tt>" .
45              $_POST["comments"]. " </tt> <p> We will reply to you at <i>" . $_POST["email"].
46              "</i></p>";
47          echo $message;
48      }

```

- e) Save the file and test it on browser. Fill out the form to different levels of completeness to test the script.

## CALCULATOR

### 1. Sending Values Manually to a Script

Create a new HTML document that contains the following form. Save the file as **calculator.html**, in the root directory and run it on browser.

```
<html>
<head>
<title>CALCULATOR</title>
</head>
<body>
  <form action="handle_calculator.php" method="post">
    <p><b>Quantity:</b></p>
    <select name="quantity">
      <option value="">Select a quantity</option>
      <option value="1">1</option>
      <option value="2">2</option>
      <option value="3">3</option>
      <option value="4">4</option>
      <option value="5">5</option>
      <option value="6">6</option>
    </select>

    <div align="left"><input type="submit" name="submit" value="Total!"></div>
    <input type="hidden" name="price" value="19.95">
    <input type="hidden" name="taxrate" value=".05">
    <input type="hidden" name="source" value="calculator.html">

  </form>
</body>
</html>
```

### 2. Handling Calculator Form

- a) Create a new PHP document as follows.

```
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Untitled Document</title>
</head>
<body>
  <?php #script handle calculator
    $source = $_POST["source"];
    $quantity=$_POST["quantity"];
    $price=$_POST["price"];
    $taxrate=$_POST["taxrate"];
```

- b) Add the following script to check that if the **\$source** variable is correct, validate the value of **\$quantity** and perform calculations:

```
if(isset($source))
{
    if($source=="calculator.html")
    {
        if((is_numeric($_POST["quantity"])))
        {
            $total = ($quantity* $price)* ($taxrate+1);
            $total= number_format($total,2);
            echo "You are purchasing <b>".$quantity.
            "</b> widgets at cost of <b> ".$price.
            "</b> each.With tax the total comes to <b>".$total."</b>.\n";
        }
        else
        {
            echo "<p><b>Please enter a valid quantity to purchase!</b></p>";
        }
    }
    else
    {
        echo "<p><b>You have accessed this page inappropriately!</b></p>";
    }
}
else
{
    echo "<p><b>You have accessed this page inappropriately!</b></p>";
}
?>
</body>
```

- c) Save the file as **handle\_calculator.php**, in the root directory and run it on browser.

## INCLUDE FILES

- a) Create a new document in a text editor and type the following code:

```

1  <html>
2  <head>
3      <title>Contents of Header.inc are here... </title>
4  </head>
5
6  <body>
7  <h1> This is a common header line </h1>
8  <h2> to be used accross all my Web pages </h2>

```

- b) Save the file as **header.inc** in the root directory, and close the file.  
 c) Open the text editor. Create a new document and enter the following code:

```

1  <?php include("header.inc"); ?>
2
3  <br> <br>
4  <a href="secondpage.php"> Go to Second Page </a>
5
6  </body>
7  </html>

```

- d) Save the file as **mainpage.php** in the root directory, and close the file.  
 e) Open new document and enter the following code:

```

1  <?php include("header.inc"); ?>
2
3  <br> <br>
4  <a href="mainpage.php"> Return to Main Page </a>
5
6  </body>
7  </html>

```

- f) Save the file as **secondpage.php** in the root directory. Then close the file.  
 g) Start the browser and run **mainpage.php** on the server.  
 h) Now, run the **secondpage.php** on the browser. Note that the two pages have the same header and changing links.

## STRING MANIPULATION

Create a new PHP document called **stringFunction.php**. Copy the coding below, and run it. Observe the output.

```
<?php
$string="Blob stands for the binary large object";
echo strlen($string)."<br>";
echo strpos($string,"b")."<br>";
echo strtolower($string)."<br>";
echo strtoupper($string)."<br>";
$t=time();
echo(date("Y-m-d",$t));
?>
```