

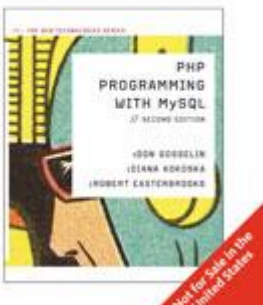


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# SOFT7008

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## Lab05 –Form Processing and PHP Templates

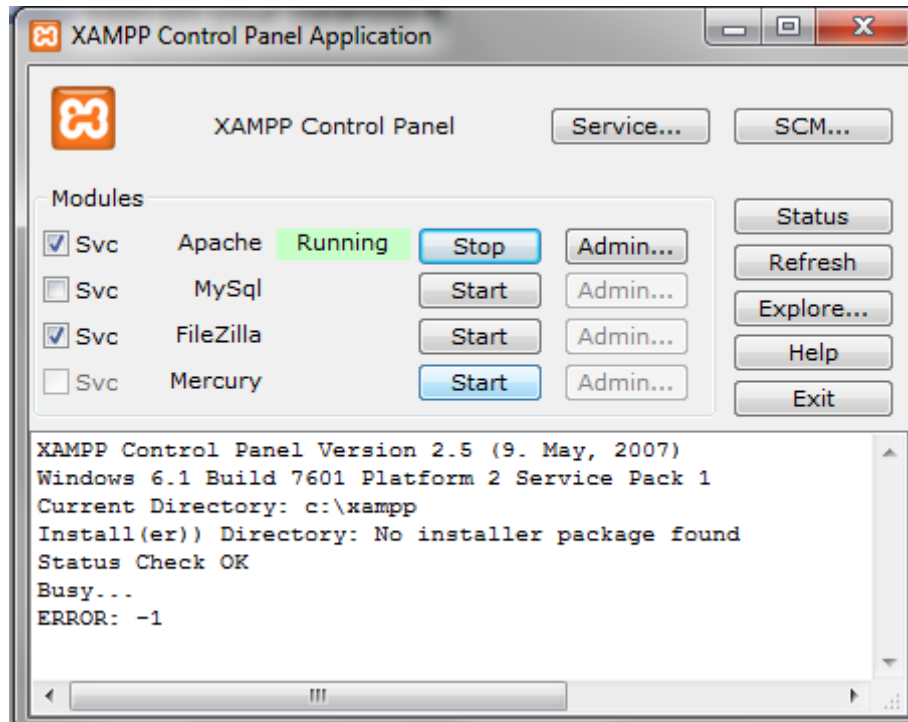
	<p><b>PHP Programming with MySQL</b></p> <p><b>AUTHORS:</b> Gosselin/Kokoska/Easterbrooks - ©2011 <b>ISBN10:</b> 0-538-46814-9 <b>ISBN13:</b> 978-0-538-46814-5</p>
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## How to run your PHP programs:

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1. Double click the XAMPP icon on your desktop. The XAMPP control panel will be displayed:



2. Click the **Start** button beside the **Apache** module. The status should display **Running**.
3. Edit and save your PHP code file.
4. Copy your PHP code file to the \xampp\htdocs folder.
5. Launch your browser.
6. Enter localhost/myCode.php into the address bar to execute the program.

## PHP All – in – One Form

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1. Open Notepad++ and create an HTML file with embedded PHP as follows:

```
<!DOCTYPE html PUBLIC>
<head>
<title>Number Form</title>
<meta charset="utf-8" />
</head>
<body>
<?php
$DisplayForm = TRUE; // flag
$Number = "";
if (isset($_POST['Submit']))
{
    $Number = $_POST['Number'];
    if (is_numeric($Number))
    {
        // data valid
        $DisplayForm = FALSE;
    } else
    {
        // data entered is not a number
        echo "<p>You need to enter a numeric
            value.</p>\n";
        $DisplayForm = TRUE;
    }
}
```

```

if ($DisplayForm)
{
?>
<form name="NumberForm" action="NumberForm.php" method="post">
    <!-- make Number field sticky -->
    <p>Enter a number: <input type="text" name="Number"
        value="<?php echo $Number; ?>" /></p>
    <p><input type="reset" value="Clear Form" />&nbsp;<input type="submit" name="Submit" value="Send Form" />
    </p>
</form>
<?php
}
else // data is valid - no need to redisplay the form
{
    echo "<p>Thank you for entering a number.</p>\n";
    echo "<p>Your number, $Number, squared is " .
        ($Number*$Number) . ".</p>\n ";
    echo "<p><a href=\"NumberForm.php\">Try
        again?</a></p>\n";
}
?>
</body>
</html>

```

2. Save the file as `NumberForm.php` and copy the file into your **XAMP\htdocs** folder.

### To run your program:

3. Open your default browser.
4. Enter <http://localhost/NumberForm.php> into the address bar and hit Enter.

## Display Dynamic Content Based on URL Token

1. Open Notepad++ and create an HTML file with embedded PHP as follows:

```
<!DOCTYPE html PUBLIC>
<head>
<title>Appending Hyperlink Data</title>
<meta charset="utf-8" />
</head>
<body>
<?php
$id = 0;

if (isset ($_GET['id']))
{
    $id = $_GET['id'];

    // display a different message based on hyperlink selected
    switch ($id)
    {
        case 1: echo 'Cow selected. <hr>'; break;
        case 2: echo 'Dog selected. <hr> '; break;
        case 3: echo 'Goat selected. <hr>'; break;
    }
}

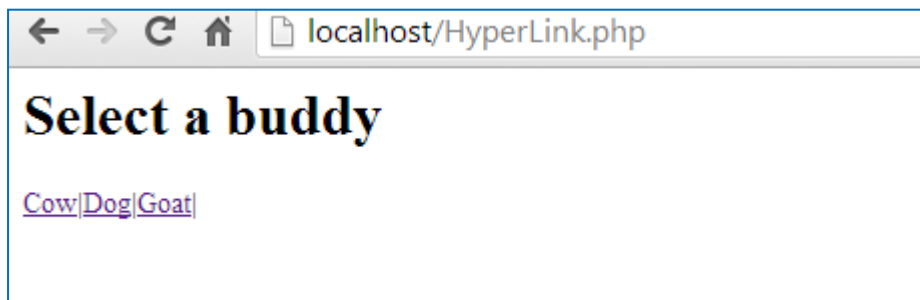
echo '<h1>Select a buddy</h1>';
echo '<p> <a href="HyperLink.php?id=1">Cow</a>| ';
echo '<a href="HyperLink.php?id=2">Dog</a>| ';
echo '<a href="HyperLink.php?id=3">Goat</a>|</p>';
?>
</body>
</html>
```

2. Save the file as HyperLink.php.. Copy the file into your **XAMP\htdocs** folder.

### To run your program:

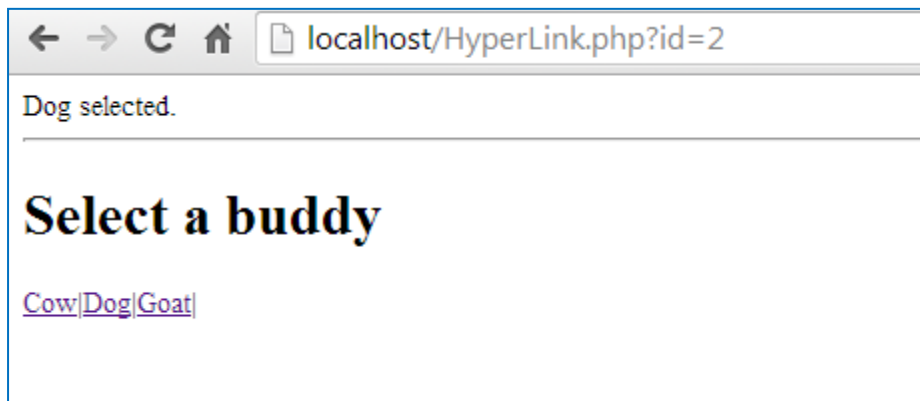
3. Open your default browser.
4. Enter `http://localhost/HyperLink.php` into the address bar and hit Enter.

The browser display should be as follows:



Click the Dog hyperlink and verify that the browser display reflects the selection.

Also – verify that the URL query string is as follows:



## Include Files

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1. Open Notepad++ and create an HTML file with embedded PHP as follows:

```
<!DOCTYPE html>
<head>
<title>Web Template</title>
<meta charset="utf-8" />
</head>
<body>
<?php include ("inc_header.html"); ?>
    <div style = "width:20%; text-align:center; float:left">
<?php include ("inc_buttonnav.html"); ?>
</div>
<!-- Start of Dynamic Content section -->
<?php
if (isset($_GET['content']))
{
    switch ($_GET['content'])
    {
        case 'About Me':
            include('inc_about.html');
            break;
        case 'Contact Me':
            include('inc_contact.html');
            break;
        case 'Home': // A value of 'Home' means to
                    // display the default page
        default:
            include('inc_home.html');
            break;
    }
}
else // No button has been selected
    include('inc_home.html');
?>
<!-- End of Dynamic Content section -->
<?php include ("inc_footer.html.php"); ?>

</body>
</html>
```

2. Create a folder called SimpleIncludes. Save the file as index.php into this folder.

3. Create a new file in Notepad++ and enter the following code:

```
<h2>About Me</h2>
<p>This is the page that tells about me and my web
site.</p>
```

4. Save the file as `inc_about.html` into your `SimpleIncludes` folder.

5. Create a new file in Notepad++ and enter the following code:

```
<h2>Contact Me</h2>
<p>This is the page where people can use a Web form to send
me an e-mail.</p>
```

6. Save the file as `inc_contact.html` into your `SimpleIncludes` folder.

7. Create a new file in Notepad++ and enter the following code:

```
<h2>Home Page</h2>
<p>This is the default home page that displays whenever a
new visitor comes to the site</p>
```

8. Save the file as `inc_home.html` into your `SimpleIncludes` folder.

9. Create a new file in Notepad++ and enter the following code:

```
<p>Today's Date: <?php echo date('r'); ?></p>
```

10. Save the file as `inc_footer.html.php` into your `SimpleIncludes` folder








11. Create a new file in Notepad++ and enter the following code:

```
<form action="index.php" method="get">
<input type="submit" name="content" value="Home" /><br />
<input type="submit" name="content" value="About Me"
/><br />
<input type="submit" name="content" value="Contact Me"
/><br />
</form>
```

8. Save the file as `inc_buttonnav.html` to your `SimpleIncludes` folder.

9. Your `SimpleIncludes` folder should contain the following files:



Name	Date modified
 inc_about.html	01/09/2009 04:30
 inc_buttonnav.html	25/02/2014 10:24
 inc_contact.html	01/09/2009 04:30
 inc_header.html	01/09/2009 04:30
 inc_home.html	01/09/2009 04:30
 inc_footer.html.php	24/02/2014 17:18
 index.php	25/02/2014 10:03

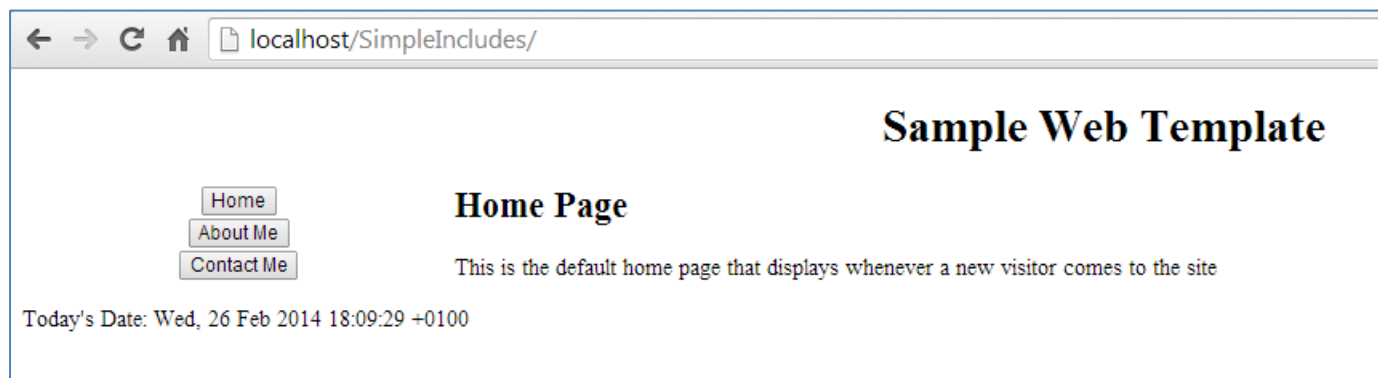
10. Create a SimpleIncludes folder off the **XAMP\htdocs** folder.

11. Copy the files to the **XAMP\htdocs\SimpleIncludes** folder.

### To run your program:

12. Open your default browser.

13. Enter <http://localhost/simpleincludes> into the address bar and hit Enter.



Verify that the Home, About Me and Contact Me buttons are working correctly.