Program: Information Technology and Computer Engineering
(*NBA Accredited*)
Course: Web Based Application Development with PHP (22619)

Vidyalankar
Polytechnic

Experiment No: 11

Design web page using following form controls.

a) List Box

b) Combo box

c) Hidden field

Resources required:

Hardware	Software
Computer System	XAMPP

Practical Significance:

HTML Forms are required, when you want to collect some data from the site visitor. For example, during user registration you would like to collect information such as name, email address, credit card, etc. A form will take input from the site visitor and then will post it to a back-end application such as CGI, ASP Script or PHP script etc. The back-end application will perform required processing on the passed data based on defined business logic inside the application.

Theoretical Background:

List Box

List Box is used to create drop down list of options. HTML <select> tag will be include in <form>element of a web page that will be used to display dropdown list where user can select single or multiple options (when multiple attribute is set), which will be send to PHP script available on server. The <option> tag will be used in <select> tag in order to drop list of options. Data on the server will be fetched by any one of the super global variable $_GET and $_POST, after receiving it will be processed and the result will be sent to the user as a response.

Hidden Controls

Hidden Controls are used to store the data in a Web page that user can't see. Hidden Controls will be included in <form> element of a web page that will be used to store data that will not be visible to the user, which will be sent to PHP script available on the server. Data on the server will be fetched by any one of the superglobal variable $_GET and $_POST, after receiving it will be processed and the result will be sent to the user in a form of response.

Program Code:

```
hiddendemo.html
<html>
<head>
```

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```
<title> Hidden Control Demo</title>
</head>
<body>
<form method="post" action="phphiddendemo.php">
<input type="hidden" name="user_id" id="user_id" value="101">
<input type="submit" value="Submit">
</form>
</body>
</html>


phphiddendemo.php


<?php
if(isset($_POST["user_id"])){
    echo "<p>User ID : " . $_POST["user_id"] . "</p>";
}
?>
```
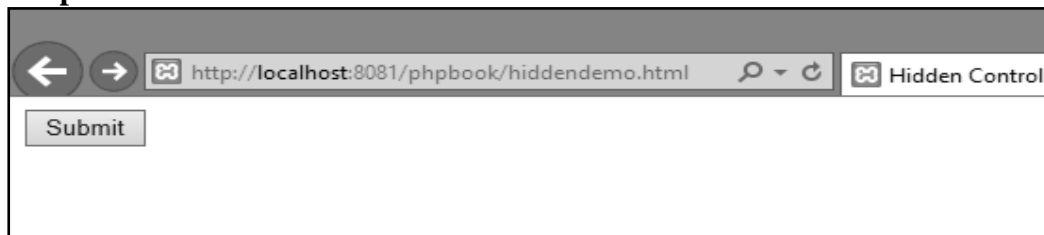
Output:

Practical related questions:

1. Explain the superglobals in PHP?
   The superglobals arrays allow you to specify where the input data came from; that is what method was used. Superglobals are predefined variables in PHP, which means that they are always accessible, regardless of scope - and you can access them from any function, class or file without having to do anything special.

2. How does PHP handle forms with multiple selections?
   PHP receives array of multiple selections.

3. How does the form information get from the browser to the server?
   POST Method

Exercise:

1. Write a PHP program that demonstrate form elements List Box, Combo Box.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>

<form action="" method="post">
    <label>Which Credit Card Would You Like to Use?</label><br>
    <select name="vehicle" size="3">
    <option value="Car">Car</option>
    <option value="Bike">Bike</option>
    <option value="Train">Train</option>
    </select><br>
    <input type="submit" name="submit" value="Submit"/>
    </form>

</body>

<?php
    $choice= $_POST['vehicle'];
    if (isset($choice)) {
    echo 'Choice: '. $choice;
    }
    else {
    echo "No choice selected";
    }
?>

</html>
```
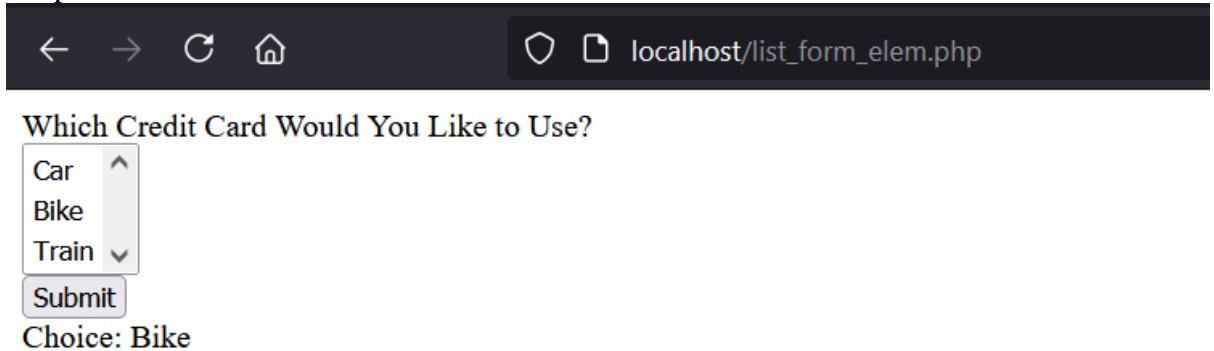
Output:

Which Credit Card Would You Like to Use?

Car
Bike
Train

Submit
Choice: Bike

2. Demonstrates Hidden Fields.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
</head>
<body>
    <form action="" method="POST" >
        <input type="hidden" name="hidden" value="Hidden Value"/>
        <input type="submit" value="Click to see hidden value">
    </form>
</body>

<?php
$hidden = $_POST['hidden'];
echo "Hidden value: " .$hidden;
?>

</html>
```

Output:

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localhost/hidden_fields.php

Click to see hidden value

Hidden value: Hidden Value