

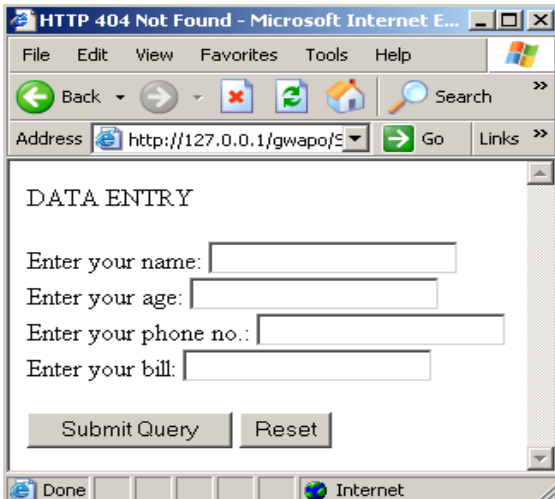
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Course/Year & Section: _____

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PRACTICE EXERCISE #1: Input Tags (Text, Submit, Reset)



***** Codes starts here:

```
<?php
//Sample Scripts
//Script name: SampleInput_1.php

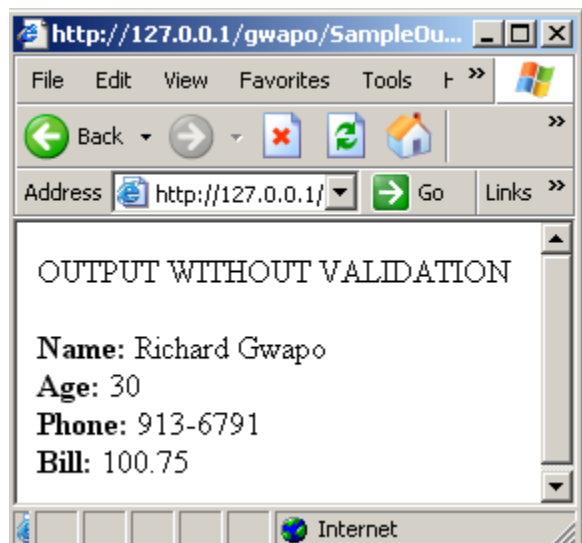
//Sample Scripts without input validation
?>
DATA ENTRY <br><br>
<form action=SampleOutput_1.php method=post>
Enter your name: <input type=text name=txtName><br>
Enter your age: <input type=text name=txtAge><br>
Enter your phone no.: <input type=text name=txtPhone><br>
Enter your bill: <input type=text name=txtBill><br><br>
```

```
<input type=submit name=btnSubmit>
<input type=reset>
</form>
```

End *****

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Sample output:



***** Codes starts here:

```
<?php
//Sample Scripts
//Script name: SampleOutput_1.php
//Output #1: Without input validation

echo "OUTPUT WITHOUT VALIDATION<br><br>";
echo "<b>Name: </b>" . $_POST['txtName'] . "<br>";
echo "<b>Age: </b>" . $_POST['txtAge'] . "<br>";
echo "<b>Phone: </b>" . $_POST['txtPhone'] . "<br>";
echo "<b>Bill: </b>" . $_POST['txtBill'] . "<br>";
?>
```

End *****

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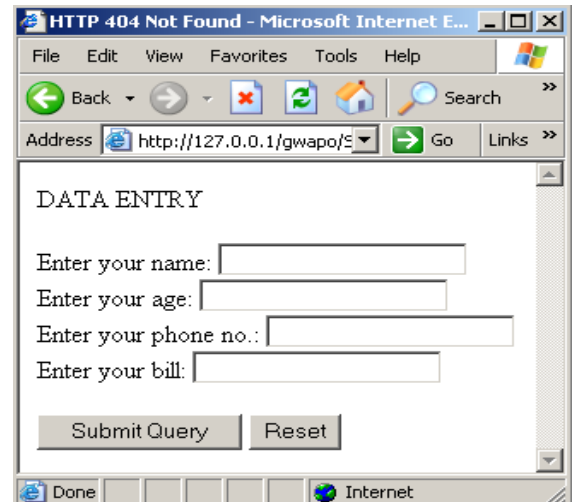
PRACTICE EXERCISE #2: Input Validation (ctype_alpha(), ctype_digit(), empty(), is_string(), and is_numeric() functions)

******* Codes starts here:**

```
<?php
//Sample Scripts
//Script name: SampleInput_2.php

//Sample Input with validation
?>
DATA ENTRY <br><br>
<form action=SampleOutput_2.php method=post>
Enter your name: <input type=text name=txtName><br>
Enter your age: <input type=text name=txtAge><br>
Enter your phone no.: <input type=text name=txtPhone><br>
Enter your bill: <input type=text name=txtBill><br><br>

<input type=submit name=btnSubmit>
<input type=reset>
</form>
```



End *****

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******* Codes starts here:**

```
<?php
//Sample Scripts
//Script name: SampleOutput_2.php
//Output from SampleInput_2.php

if(ctype_alpha($_POST['txtName'])) //Letters A-Z and a-z are accepted
    $name = $_POST['txtName'];
elseif (!ctype_alpha($_POST['txtName']))
    $name = "type letters a-z only";

if(ctype_digit($_POST['txtAge'])) // Only integers or whole number is accepted
    $age = $_POST['txtAge'];
elseif(!ctype_digit($_POST['txtAge']))
    $age = "type numbers 0-9 only";

if(empty($_POST['txtPhone'])) // Will test if the textbox is empty value
    $phone = "phone number is empty";
```

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```
elseif(is_string($_POST['txtPhone'])) // Will accept string values (any characters)
    $phone = $_POST['txtPhone'];

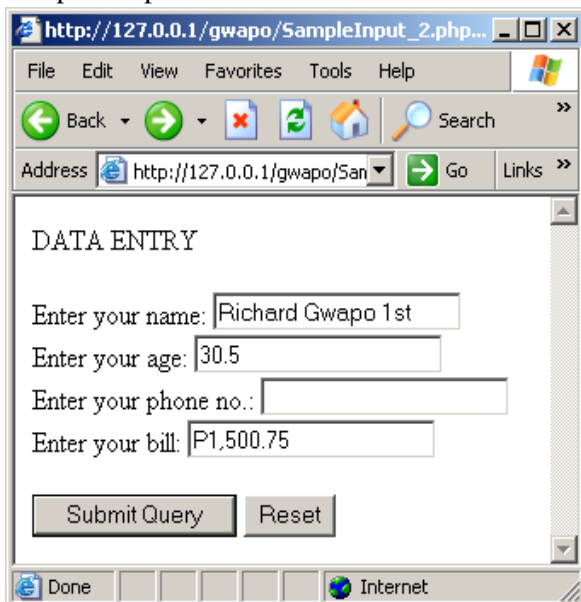
if(is_numeric($_POST['txtBill'])) // Only numbers are accepted (integer/floating point)
    $bill = $_POST['txtBill'];
elseif(!is_numeric($_POST['txtBill']))
    $bill = "letters and special characters are not allowed";

echo "OUTPUT WITH INPUT VALIDATION<br><br>";
echo "<b>Name:</b> $name <br>";
echo "<b>Age:</b> $age <br>";
echo "<b>Phone:</b> $phone <br>";
echo "<b>Bill:</b> $bill <br>";

?>
```

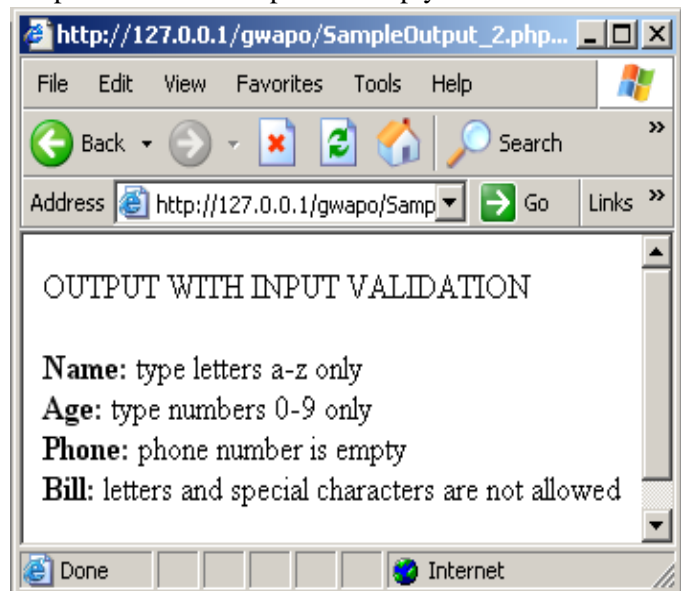
End *****

Sample Output:



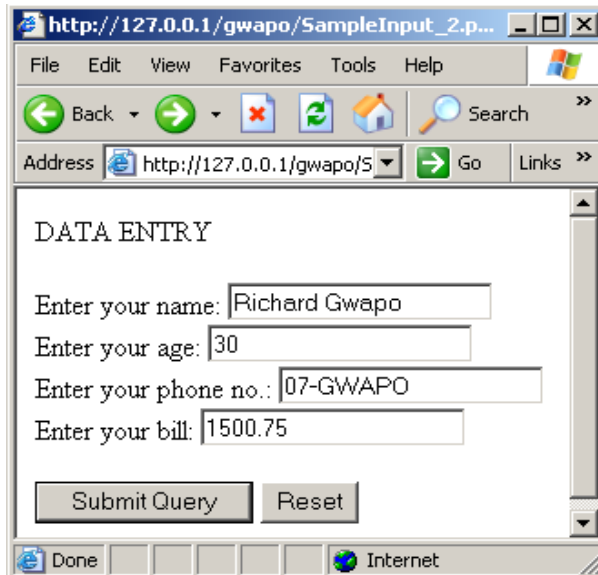
The screenshot shows a web browser window with the address bar displaying 'http://127.0.0.1/gwapo/SampleInput_2.php...'. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. Below the menu bar is a toolbar with Back, Forward, Stop, Reload, Home, and Search buttons. The address bar shows 'http://127.0.0.1/gwapo/San' with a Go button and a Links button. The main content area displays a form titled 'DATA ENTRY'. The form contains four input fields: 'Enter your name:' with the value 'Richard Gwapo 1st', 'Enter your age:' with the value '30.5', 'Enter your phone no.:' which is empty, and 'Enter your bill:' with the value 'P1,500.75'. At the bottom of the form are two buttons: 'Submit Query' and 'Reset'.

Output with invalid input and empty value:



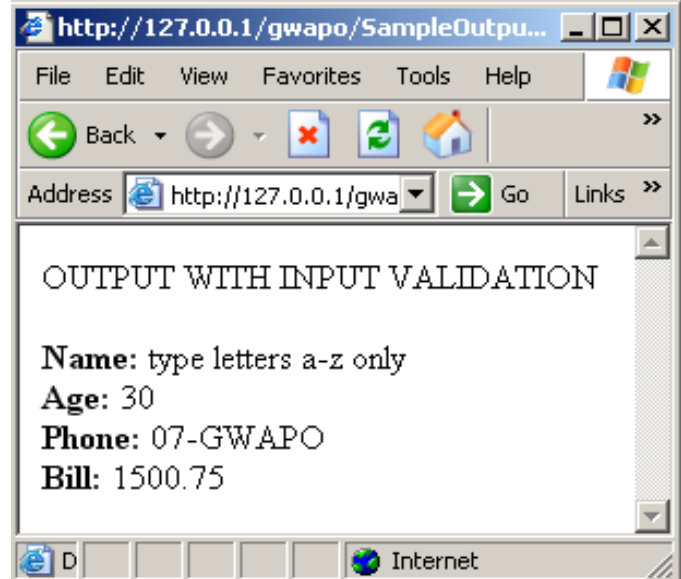
The screenshot shows a web browser window with the address bar displaying 'http://127.0.0.1/gwapo/SampleOutput_2.php...'. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. Below the menu bar is a toolbar with Back, Forward, Stop, Reload, Home, and Search buttons. The address bar shows 'http://127.0.0.1/gwapo/Samp' with a Go button and a Links button. The main content area displays the output of the PHP script, which is 'OUTPUT WITH INPUT VALIDATION'. Below this title are four lines of text: 'Name: type letters a-z only', 'Age: type numbers 0-9 only', 'Phone: phone number is empty', and 'Bill: letters and special characters are not allowed'. The status bar at the bottom shows 'Done' and 'Internet'.

Sample Output:



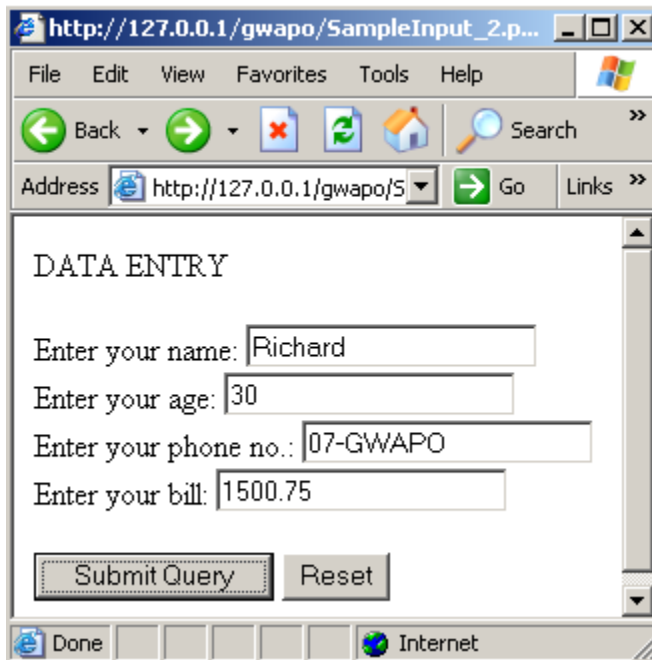
A screenshot of a web browser window displaying a data entry form. The browser's address bar shows 'http://127.0.0.1/gwapo/SampleInput_2.p...'. The form is titled 'DATA ENTRY' and contains four input fields: 'Enter your name:' with the value 'Richard Gwapo', 'Enter your age:' with '30', 'Enter your phone no.:' with '07-GWAPO', and 'Enter your bill:' with '1500.75'. Below the fields are two buttons: 'Submit Query' and 'Reset'.

Output with invalid input for name only (space is not allowed)



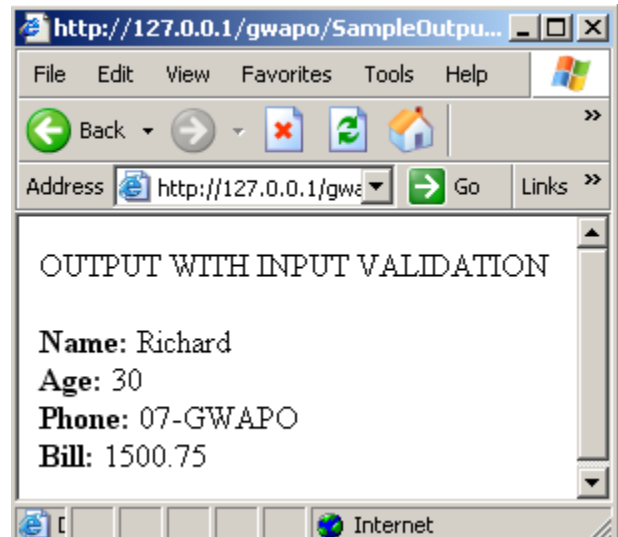
A screenshot of a web browser window displaying the output of the form with an invalid name. The browser's address bar shows 'http://127.0.0.1/gwapo/SampleOutpu...'. The page is titled 'OUTPUT WITH INPUT VALIDATION' and displays the following text: 'Name: type letters a-z only', 'Age: 30', 'Phone: 07-GWAPO', and 'Bill: 1500.75'.

Sample Output:



A screenshot of a web browser window displaying a data entry form. The browser's address bar shows 'http://127.0.0.1/gwapo/SampleInput_2.p...'. The form is titled 'DATA ENTRY' and contains four input fields: 'Enter your name:' with the value 'Richard', 'Enter your age:' with '30', 'Enter your phone no.:' with '07-GWAPO', and 'Enter your bill:' with '1500.75'. Below the fields are two buttons: 'Submit Query' and 'Reset'.

Output with valid inputs



A screenshot of a web browser window displaying the output of the form with valid inputs. The browser's address bar shows 'http://127.0.0.1/gwapo/SampleOutpu...'. The page is titled 'OUTPUT WITH INPUT VALIDATION' and displays the following text: 'Name: Richard', 'Age: 30', 'Phone: 07-GWAPO', and 'Bill: 1500.75'.

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PRACTICE EXERCISE #3:

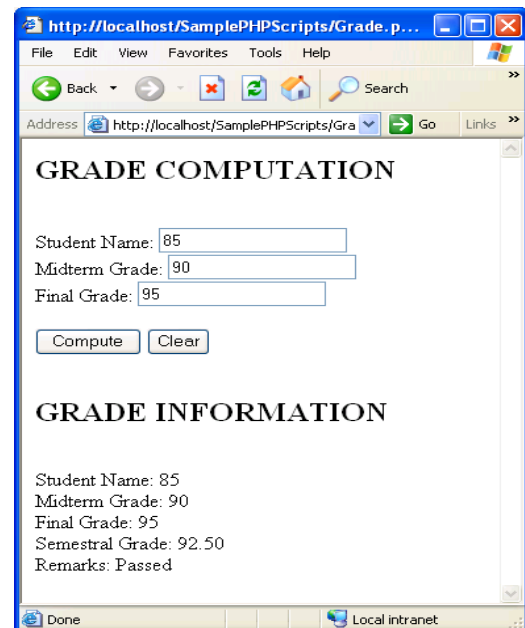
***** Codes starts here:

```
<?php
//Script name: Grade.php
?>

<h2>GRADE COMPUTATION </h2>
<br>
<form method="POST">
    Student Name: <input type="text" name="txtName"><br>
    Midterm Grade: <input type="text" name="txtMid"><br>
    Final Grade: <input type="text" name="txtFin"><br><br>
    <input type="submit" value="Compute" name="btnCompute">
    <input type="reset" value="Clear">
</form>
<br>

<?php
if(isset($_POST['btnCompute']))
{
    if(empty($_POST['txtMid']) or
       empty($_POST['txtFin']))
    {
        echo "Please enter values...";
        exit;
    }
    if(is_numeric($_POST['txtMid']) && is_numeric($_POST['txtFin']))
    {
        echo "<h2>GRADE INFORMATION</h2><br>";
        echo "Student Name: " . $_POST['txtName'] . "<br>";
        echo "Midterm Grade: " . $_POST['txtMid'] . "<br>";
        echo "Final Grade: " . $_POST['txtFin'] . "<br>";
        $semGrd = ($_POST['txtMid'] + $_POST['txtFin']) / 2;
        echo "Semestral Grade: " . number_format($semGrd, 2) . "<br>";
        echo "Remarks: ";
        if ($semGrd >= 74.5)
            echo "Passed";
        else
            echo "Failed";
    }
    else
        echo "Enter numeric values only...";
}
?>
```

Sample Output:



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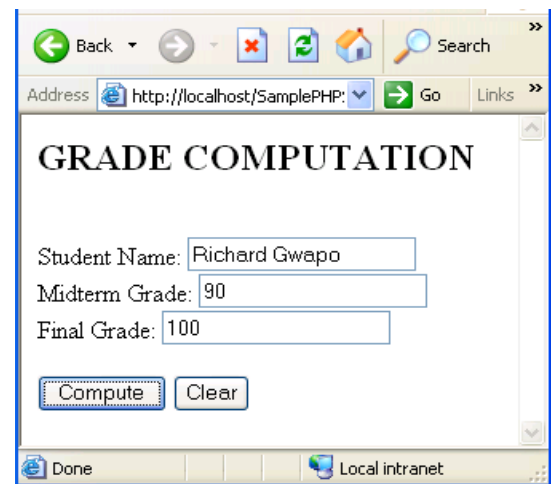
Rating: _____

PRACTICE EXERCISE #4:

----- Start of GradeInput.php -----

```
<?php
//Script name: GradeInput.php
?>
<h2>GRADE COMPUTATION </h2>
<br>
<form action="GradeOutput.php" method="POST">
    Student Name: <input type="text"
    name=txtName><br>
    Midterm Grade: <input type="text"
    name=txtMid><br>
    Final Grade: <input type="text"
    name=txtFin><br><br>
    <input type="submit" value="Compute"
    name=btnCompute>
    <input type="reset" value="Clear">
</form>
```

Sample Output:



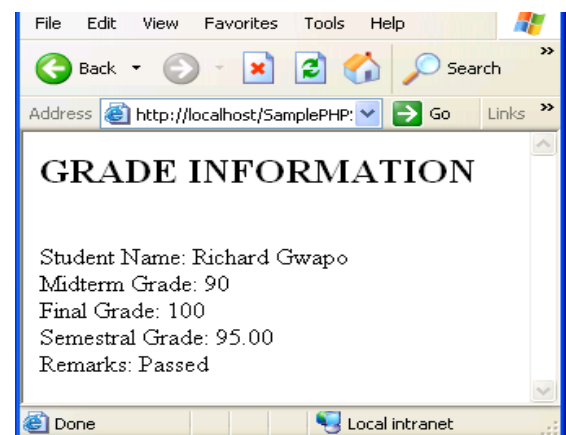
----- End of GradeInput.php -----

----- Start of GradeOutput.php -----

```
<?php
//Script name: GradeOutput.php
if(isset($_POST['btnCompute']))
{
    if(empty($_POST['txtMid']) or
        empty($_POST['txtFin']))
    {
        echo "Please enter values...";
        exit;
    }

    if(is_numeric($_POST['txtMid']) and
        is_numeric($_POST['txtFin']))
    {
        echo "<h2>GRADE
        INFORMATION</h2><br>";
        echo "Student Name: " . $_POST['txtName'] . "<br>";
        echo "Midterm Grade: " . $_POST['txtMid'] . "<br>";
        echo "Final Grade: " . $_POST['txtFin'] . "<br>";
        $semGrd = ($_POST['txtMid']+$_POST['txtFin'])/2;
    }
}
```

Sample Output:



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```
        echo "Semestral Grade: " . number_format($semGrd,2);
        echo "<br>Remarks: ";
        if ($semGrd >= 74.5)
            echo "Passed";
        else
            echo "Failed";
    }
    else
        echo "Enter numeric values only...";
}
?>
```

----- End of GradeOutput.php -----

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Rating: _____

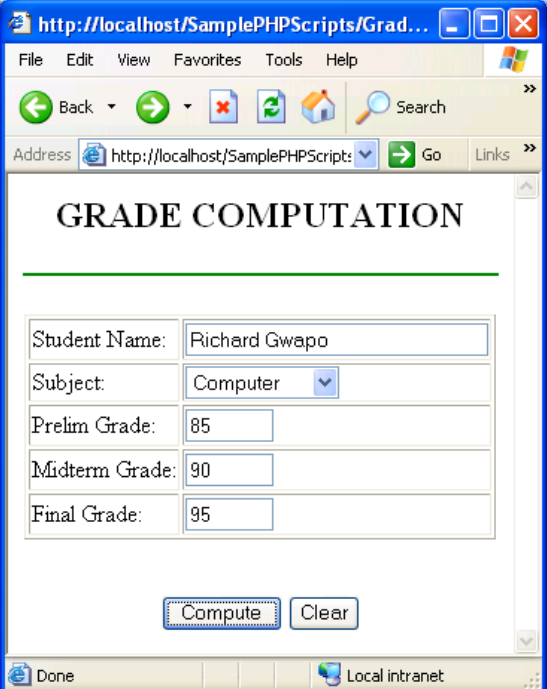
PRACTICE EXERCISE #5:

----- Start of GradeInputTable.php -----

```
<h2>GRADE COMPUTATION </h2>
<hr color=green size=2>
<form action="GradeOutputTable.php" method="POST">
<table border=1>
    <tr>
        <td> Student Name:
        <td> <input type=textbox name=txtName
            size=30>
    </tr>
    <tr>
        <td> Subject:
        <td> <select name=lstSub>
            <option> </option>
            <option> Computer </option>
            <option> Mathematics </option>
            <option> English </option>
        </select>
    </tr>
    <tr>
        <td> Prelim Grade:
        <td> <input type=textbox name=txtPre size=6>
    </tr>
    <tr>
        <td> Midterm Grade:
        <td> <input type=textbox name=txtMid size=6>
    </tr>
    <tr>
        <td> Final Grade:
        <td> <input type=textbox name=txtFin size=6>
    </tr>
</table>

<br><br>
<input type=submit value="Compute" name=btnCompute>
<input type=reset value="Clear">
</form>
</center>
```

Sample Output:



The screenshot shows a web browser window with the address bar displaying 'http://localhost/SamplePHPScripts/Grad...'. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The address bar has a search icon and a 'Go' button. The main content area displays the 'GRADE COMPUTATION' form. The form has a title 'GRADE COMPUTATION' and a green horizontal line below it. The form contains five rows of input fields: 'Student Name' with the value 'Richard Gwapo', 'Subject' with a dropdown menu showing 'Computer', 'Prelim Grade' with the value '85', 'Midterm Grade' with the value '90', and 'Final Grade' with the value '95'. At the bottom of the form are two buttons: 'Compute' and 'Clear'. The browser's status bar at the bottom shows 'Done' and 'Local intranet'.

----- End of GradeInputTable.php -----

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Rating: _____

PRACTICE EXERCISE #6:

----- Start of GradeOutputTable.php -----

```
<?php
//Script name: GradeOutputTable.php
$Name = $_POST[txtName];
$Sub = $_POST[lstSub];
$Pre = $_POST[txtPre];
$Mid = $_POST[txtMid];
$Fin = $_POST[txtFin];

$Sem = $Pre * 0.25 + $Mid * 0.25 + $Fin * 0.5;
if ($Sem==100)
    $Pt = 1.0;
else if($Sem>=95)
    $Pt = 1.5;
else if($Sem>=90)
    $Pt = 2.0;
else if($Sem>=85)
    $Pt = 2.5;
else if($Sem>=80)
    $Pt = 3.0;
else if($Sem>=75)
    $Pt = 3.5;
else if($Sem>=70)
    $Pt = 4.0;
else
    $Pt = 5.0;

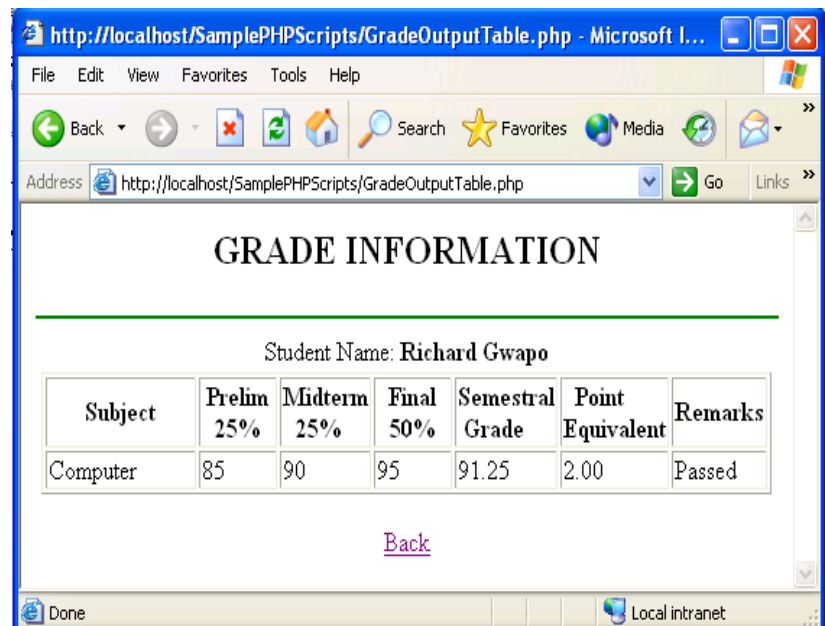
$Pt = number_format($Pt,2);

if ($Sem>=74.5)
    $Rem = "Passed";
else
    $Rem = "Failed";

if(isset($_POST['btnCompute']))
{
    if(empty($_POST['txtPre']) or empty($_POST['txtMid']) or empty($_POST['txtFin']))
    {
        echo "<center><h2>Please enter grades...</h2></center>";
        exit;
    }

    if(is_numeric($_POST['txtPre']) and is_numeric($_POST['txtMid']) and
```

Sample Output:



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```
        is_numeric($_POST['txtFin']))
    {
        echo "<center><h2>GRADE INFORMATION</h2>
        <hr color=green size=2>
        <table border=0>
            <tr>
                <td> Student Name:
                <td> <b>$Name</b>
            </tr>
        </table>
        <table border=1>
            <tr>
                <th width=100> Subject </th>
                <th width=50> Prelim 25%</th>
                <th width=50> Midterm 25%</th>
                <th width=50> Final 50%</th>
                <th width=50> Semestral Grade </th>
                <th width=50> Point Equivalent </th>
                <th> Remarks </th>
            </tr>
            <tr>
                <td> $Sub
                <td> $Pre
                <td> $Mid
                <td> $Fin
                <td> $Sem
                <td> $Pt
                <td> $Rem
            </tr>
        </table>";
    }
    else
        echo "<center><h2>Enter numeric values only...</h2></center>";
}
?>

<br>
<center>
<a href="GradeInputTable.php">Back
</center>
```

----- End of GradeOutputTable.php -----

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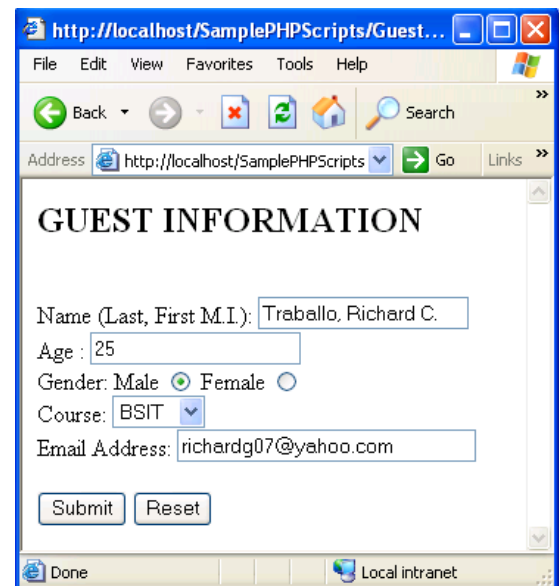
Rating: _____

PRACTICE EXERCISE #7:

----- Start of GuestInput.php -----

```
<?php
//Script name: GuestInput.php
?>
<h2>GUEST INFORMATION </h2>
<br>
<form action="GuestOutput.php" method="POST">
Name (Last, First M.I.): <input type="text"
name=txtName><br>
Age : <input type="text" name=txtAge><br>
Gender: Male <input type="radio" name=rdoGender
value="Male">
Female <input type="radio" name=rdoGender
value="Female"><br>
Course: <select name=lstCourse>
    <option> </option>
    <option>ACT</option>
    <option>BSIT</option>
    <option>BSCS</option>
</select>
<br>
Email Address: <input type="text" name=txtEmail size=30>
<br><br>
<input type="submit" value="Submit" name=btnSubmit>
<input type="reset" value="Reset">
</form>
```

Sample Output:



----- End of GuestInput.php -----

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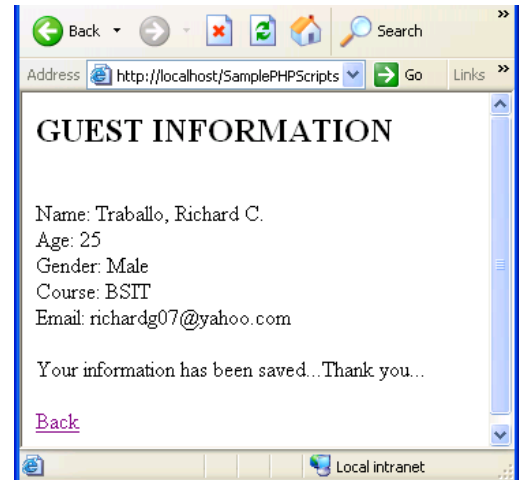
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----- Start of GuestOutput.php -----

```
<?php
//Script name: GuestOutput.php
if(isset($_POST['btnSubmit']))
{
    echo "<h2>GUEST INFORMATION</h2><br>";
    echo "Name: " . $_POST['txtName'] . "<br>";
    echo "Age: " . $_POST['txtAge'] . "<br>";
    echo "Gender: " . $_POST['rdoGender'] . "<br>";
    echo "Course: " . $_POST['lstCourse'] . "<br>";
    echo "Email: " . $_POST['txtEmail'] . "<br><br>";

    echo "Your information has been saved...Thank you...";
}
?>
<br><br>
<a href="GuestInput.php">Back </a>
```

Sample Output:



----- End of GuestOutput.php -----

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Name: _____
Course/Year & Section: _____

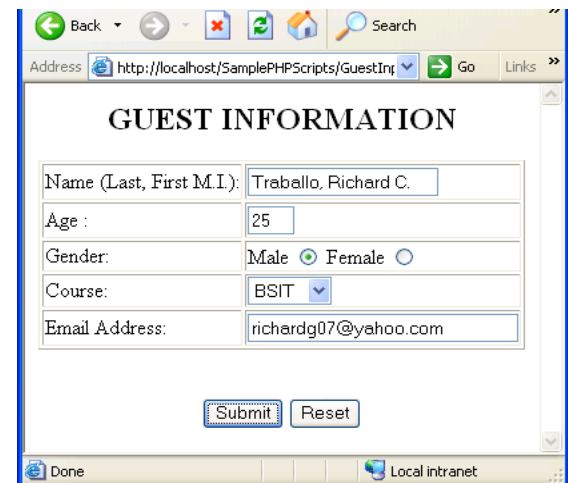
Rating: _____

PRACTICE EXERCISE #8:

----- Start of GuestInputTable.php -----

```
<?php
//Script name: GuestInputTable.php
?>
<center>
<h2>GUEST INFORMATION </h2>
<form action="GuestOutputTable.php" method="POST">
<table border=1>
    <tr>
        <td> Name (Last, First M.I.):
        <td> <input type="text" name="txtName">
    </tr>
    <tr>
        <td> Age :
        <td> <input type="text" name="txtAge" size=2>
    </tr>
    <tr>
        <td> Gender:
        <td> Male <input type="radio" name="rdoGender" value="Male">
            Female <input type="radio" name="rdoGender" value="Famale">
    </tr>
    <tr>
        <td> Course:
        <td> <select name="lstCourse">
            <option>ACT</option>
            <option>BSIT</option>
            <option>BSCS</option>
        </select>
    </tr>
    <tr>
        <td> Email Address:
        <td> <input type="text" name="txtEmail" size=30>
    </tr>
</table>
<br><br>
<input type="submit" value="Submit" name="btnSubmit">
<input type="reset" value="Reset">
</form>
</center>
```

Sample Output:



The screenshot shows a web browser window with the address bar displaying 'http://localhost/SamplePHPScripts/GuestInq'. The page title is 'GUEST INFORMATION'. The form contains the following fields and values:

Name (Last, First M.I.):	Traballo, Richard C.
Age :	25
Gender:	Male <input checked="" type="radio"/> Female <input type="radio"/>
Course:	BSIT
Email Address:	richardg07@yahoo.com

At the bottom of the form are two buttons: 'Submit' and 'Reset'.

----- End of GuestInputTable.php -----

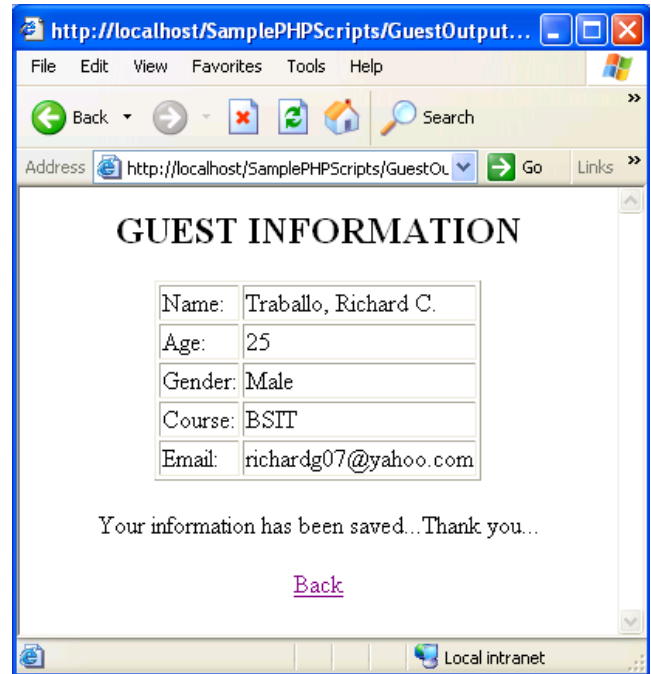
----- Start of GuestOutputTable.php -----

```
<?php
//Script name: GradeOutputTable.php
$Name = $_POST['txtName'];
$Age = $_POST['txtAge'];
$Gender = $_POST['rdoGender'];
$Course = $_POST['lstCourse'];
$Email = $_POST['txtEmail'];

if(isset($_POST['btnSubmit']))
{
    echo "
    <center>
    <h2>GUEST INFORMATION</h2>
    <table border=1>
        <tr>
            <td> Name:
            <td> $Name
        </tr>
        <tr>
            <td> Age:
            <td> $Age
        </tr>
        <tr>
            <td> Gender:
            <td> $Gender
        </tr>
        <tr>
            <td> Course:
            <td> $Course
        </tr>
        <tr>
            <td> Email:
            <td> $Email
        </tr>
    </table>";

    echo "<br>Your information has been saved...Thank you...";
}
?>
<br><br>
<a href="GuestInputTable.php">Back </a>
</center>
```

Sample Output:



----- End of GuestOutputTable.php -----

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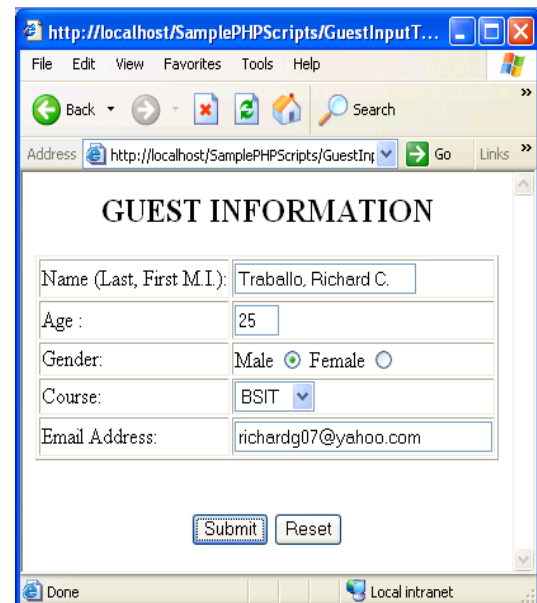
Rating: _____

PRACTICE EXERCISE #9:

----- Start of GuestInputTableColumn.php -----

```
<?php
//Script name: GuestInputTableColumn.php
?>
<center>
<h2>GUEST INFORMATION </h2>
<form action="GuestOutputTableColumn.php" method="POST">
<table border=1>
  <tr>
    <td> Name (Last, First M.I.):
    <td> <input type="text" name="txtName">
  </tr>
  <tr>
    <td> Age :
    <td> <input type="text" name="txtAge" size=2>
  </tr>
  <tr>
    <td> Gender:
    <td> Male <input type="radio" name="rdoGender"
      value="Male">
      Female <input type="radio" name="rdoGender"
      value="Female">
  </tr>
  <tr>
    <td> Course:
    <td> <select name="lstCourse">
      <option>ACT</option>
      <option>BSIT</option>
      <option>BSCS</option>
    </select>
  </tr>
  <tr>
    <td> Email Address:
    <td> <input type="text" name="txtEmail" size=30>
  </tr>
</table><br><br>
<input type="submit" value="Submit" name="btnSubmit">
<input type="reset" value="Reset">
</form>
</center>
```

Sample Output:



----- End of GuestInputTableColumn.php -----

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APPDET – PHP Laboratory Guided/Practice Exercises

----- Start of GuestOutputTableColumn.php -----

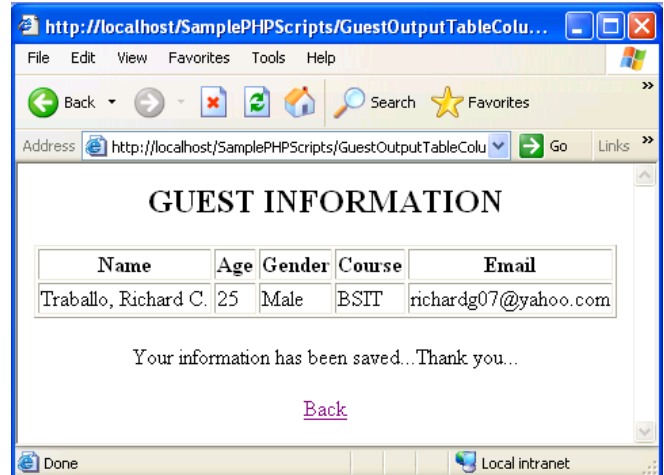
```
<?php
//Script name: GradeOutputTableColumn.php
$Name = $_POST['txtName'];
$Age = $_POST['txtAge'];
$Gender = $_POST['rdoGender'];
$Course = $_POST['lstCourse'];
>Email = $_POST['txtEmail'];

if(isset($_POST['btnSubmit']))
{
    echo "
    <center>
    <h2>GUEST INFORMATION</h2>
    <table border=1>
        <tr>
            <th> Name </th>
            <th> Age </th>
            <th> Gender </th>
            <th> Course </th>
            <th> Email </th>
        </tr>
        <tr>
            <td> $Name
            <td> $Age
            <td> $Gender
            <td> $Course
            <td> $Email
        </tr>
    </table>";

    echo "<br>Your information has been saved...Thank you...";
}
?>

<br><br>
<a href="GuestInputTable.php">Back </a>
</center>
```

Sample Output:



----- End of GuestOutputTableColumn.php -----