

Form Validation Functions

empty () function: is used to check whether a variable is empty or not. Empty is interpreted as: "" (an empty string), 0 (integer), 0.0 (float), "0" (string), NULL, FALSE, array () (an empty array), and "\$var;" (a variable declared, but without a value in a class).

isset () function: is used to check whether a variable is set or not, it return false if testing variable contains a NULL value and it returns TRUE if the variable exists and has a value other than NULL. That means variables assigned a "", 0, "0", or FALSE are set, and therefore are TRUE for ISSET.

Example. Design and implement a php application that accepts two integer numbers from the current user. Those integers represent the number of rows and the number of columns in a table. The php code should return back a web page that displays the table with the number of rows and columns requested and print the word "Web "in the cells.

MyTableForm.html

```
<html>

<body>

<form name="myWebForm" action=" TableFormValidation.php " method="post">

<pre>Number of Rows: <input type="text" name="r" /></pre>

<pre>Number of Columns:<input type="text" name="c" /><br>

Color Table? <input type="radio" name="color" value="yes"/>Yes<input type="radio"
name="color" value="no"/>No

    <input type="submit"></pre>

</form>

</body> </html>
```

TableFormValidation.php

```
<?php

$row=$_POST["r"];

$col=$_POST["c"];


if (empty($row)|| empty($col)){

    echo "enter number of rows and coloums, it is requiered";}


if(isset($_POST["color"]) && $_POST["color"]=='yes')

    echo "<table border='1' bgcolor='pink' style='border-collapse:collapse;'>";

else

    echo "<table border='1' style='border-collapse:collapse;'>";


for ($r=1; $r <= $row; $r++) {

echo "<tr>";

    for ($c=1; $c <= $col; $c++) {

        echo "<td>Web</td>";    }

    echo "</tr>";    }

echo "</table>";

?>
```