<!DOCTYPE html>

<html>

<head>

<title>Multiplication Table</title>

</head>

<body>

<h2>Multiplication Table Generator</h2>

<form method="post" action="">

Enter a number: <input type="text" name="number">

<input type="submit" value="Generate Table">

</form>

<?php

// Check if the form is submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

// Retrieve the number from the form

$number = $\_POST["number"];

// Validate if the input is a number

if (is\_numeric($number)) {

echo "<h3>Multiplication Table for $number:</h3>";

echo "<table border='1'>";

for ($i = 1; $i <= 10; $i++) {

$result = $number \* $i;

echo "<tr><td>$number x $i</td><td>=</td><td>$result</td></tr>";

}

echo "</table>";

} else {

echo "<p>Please enter a valid number.</p>";

}

}

?>

</body>

</html>