<!DOCTYPE html>

<html>

<head>

<title>Prime Number Checker</title>

</head>

<body>

<h2>Prime Number Checker</h2>

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

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

<input type="submit" value="Check Prime">

</form>

<?php

// Function to check if a number is prime

function isPrime($num) {

if ($num <= 1) {

return false;

}

for ($i = 2; $i \* $i <= $num; $i++) {

if ($num % $i == 0) {

return false;

}

}

return true;

}

// Check if the form is submitted

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

// Retrieve the number from the form

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

// Check if the input is a valid number

if (is\_numeric($number)) {

$isPrime = isPrime($number);

if ($isPrime) {

echo "<p>$number is a prime number.</p>";

} else {

echo "<p>$number is not a prime number.</p>";

}

} else {

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

}

}

?>

</body>

</html>