- **Source code**

Home Index

```html
<!DOCTYPE html>

<html>

<head>

        <meta charset="utf-8">

        <title>Temperature Sensor</title>

</head>

<body>

        <form method="get" action="inserTemp.php">

<strong><h1>Enter the temperature value: </h1> </strong>

<input type="text" name="temp"><br>

<input type="submit" name="submit" value="Send Temperature">

        </form>

</body>

</html>
```

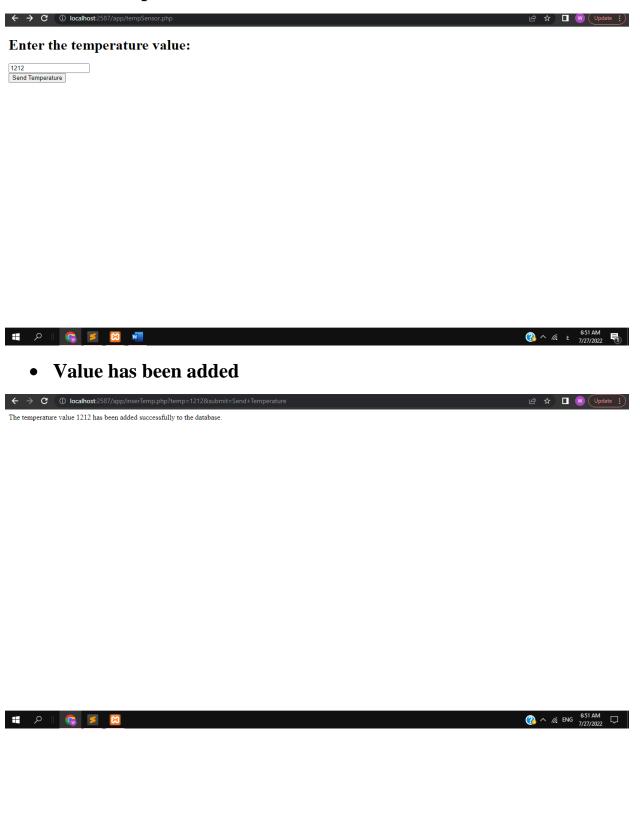**Add Script**

```php
<?php
$servername = "localhost:3306";
$username = "root";
$password = "";
$database = "temperatures";


// Create connection
$connection = new mysqli($servername, $username, $password);



// get the temp value


$temperature = $_GET['temp'];


// Create database
$db = "CREATE DATABASE temperatures";
$connection->query($db);
$connection->close();


// sql to create temperature table
$connection = new mysqli($servername, $username, $password, $database);
$table = "CREATE TABLE temperature_sensor (
temperature int
)";
$connection->query($table);


// insert the value
```

```php
// Create connection again

$connection = new mysqli($servername, $username, $password, $database);

$insert = "INSERT INTO temperature_sensor (temperature)

VALUES ($temperature)";

if ($connection->query($insert) == True) {

echo "The temperature value ".$temperature." has been added successfully to the database.";

$connection->close();

} else{

echo "The temperature value ".$temperature." has not added successfully to the database.";

$connection->close();

}

?>
```

- ## **Insert temperature value**

Enter the temperature value:

```
1212
```
Send Temperature

- ## **Value has been added**

The temperature value 1212 has been added successfully to the database.

- **Database**