

What is Form Handling in PHP?

Form handling in PHP is the process of collecting user input from HTML forms and processing it using PHP.

Basic Steps of Form Handling

1. Create **HTML Form**
2. Send data using **GET or POST**
3. Receive data using **PHP superglobal variables**

HTML Form Example

```
<!DOCTYPE html>
<html>
<body>

<form method="post" action="process.php">
    Name: <input type="text" name="name"><br><br>
    Age: <input type="number" name="age"><br><br>
    <input type="submit" value="Submit">
</form>

</body>
</html>
```

PHP Form Handling Using POST

process.php

```
<?php
$name = $_POST['name'];
$age = $_POST['age'];

echo "Name: " . $name . "<br>";
echo "Age: " . $age;
?>
```

PHP Form Handling Using GET

HTML:

```
<form method="get" action="process.php">
```

PHP:

```
<?php  
$name = $_GET['name'];  
$age = $_GET['age'];  
  
echo "Name: " . $name;  
echo "Age: " . $age;  
?>
```

Difference Between GET and POST

GET POST

Data visible in URL Data hidden

Less secure More secure

Limited data Large data

Used for search Used for forms

Same Page Form Handling (Very Important)

```
<?php  
if(isset($_POST['submit'])) {  
    $name = $_POST['name'];  
    echo "Welcome " . $name;  
}  
?>  
  
<form method="post">  
    Name: <input type="text" name="name">  
    <input type="submit" name="submit">  
</form>
```

PHP Superglobals Used in Forms

- `$_GET`
- `$_POST`
- `$_REQUEST`
- `$_SERVER`

Basic Form Validation

```
<?php  
if(empty($_POST['name'])) {  
    echo "Name is required";  
}  
?>
```

Secure Form Handling (Simple)

```
<?php  
$name = htmlspecialchars($_POST['name']);  
echo $name;  
?>
```