

# 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;
?>
```