

TYPES OF REQUEST TO THE SERVER

We can send request to the server in the following way.

1. GET Request
2. Post Request

GET Request

- It is the mechanism to transfer the data from client side to server side through URL.
- We can send limited amount of data only through get request.
- It is not secure mechanism to transfer the data from client to server.
- We can send get request in PHP by using `$_GET []` global associative array.

Post Request

- It is the mechanism to transfer the data from client side to server side through body.
- We can send unlimited amount of data in this approach.
- It is secure mechanism to transfer the data from client to server.
- We can send Post request in PHP by using `$_POST []` global associative array.

EXAMPLE OF GET REQUEST

File Name: sum.php

```
<?php
$num1=$_GET["num1"];
$num2=$_GET["num2"];
$sum=$num1+$num2;
echo "Sum=$sum";
?>
```

Note: We can send request to the server in following pattern through any browser.

Step1: Type the URL in your browser

<http://localhost/yourprojectname/sum.php?num1=45&num2=45>

Step2: Hit the enter button

After pressing enter button output comes from server in your client machine in the browser.

Output:

Sum=90

EXAMPLE OF POST REQUEST

Step1: Create the HTML form first

File Name: index.html

```
<html>

<head>

<title>Form</title>

</head>

<body>

<form action="./sum.php" method="post">

Enter First Number:<input type="text" name="num1" value="" id="" /><br><br>

Enter Second Number:<input type="text" name="num2" value="" id="" /><br><br>

<input type="submit" value="Add"/>

</form>

</body>

</html>
```

Step2: Create the Php file to handle the post request.

File name: sum.php

```
<?php

$n1=$_POST['num1'];

$n2=$_POST['num2'];

$sum=$n1+$n2;

echo "Sum=$sum";

?>
```

Step3: To run the program, hit the following URL in your browser.

<http://localhost/projectname/sum.php>

Step 4: Enter the two number in text field of form and click on Add button

Step5: Output comes from server in your browser as follows:

Sum=90

Note: If we write get in method attribute then our form data goes to the server through get request.