1. Provide a descriptions and usage for all the PHP **superglobals.**

## **PHP Global Variables - Superglobals**

Several predefined variables in PHP are "superglobals", which means that they are always accessible, regardless of scope - and you can access them from any function, class or file without having to do anything special.

The PHP superglobal variables are:

* $GLOBALS
* $\_SERVER
* $\_REQUEST
* $\_POST
* $\_GET

## **PHP $GLOBALS**

$GLOBALS is a PHP super global variable which is used to access global variables from anywhere in the PHP script (also from within functions or methods).

PHP stores all global variables in an array called $GLOBALS[*index*]. The index holds the name of the variable

## **PHP $\_SERVER**

$\_SERVER is a PHP super global variable which holds information about headers, paths, and script locations.

The following table lists the most important elements that can go inside $\_SERVER:

|  |  |
| --- | --- |
| **Element/Code** | **Description** |
| $\_SERVER['PHP\_SELF'] | Returns the filename of the currently executing script |
| $\_SERVER['GATEWAY\_INTERFACE'] | Returns the version of the Common Gateway Interface (CGI) the server is using |
| $\_SERVER['SERVER\_ADDR'] | Returns the IP address of the host server |
| $\_SERVER['SERVER\_NAME'] | Returns the name of the host server (such as www.w3schools.com) |
| $\_SERVER['SERVER\_SOFTWARE'] | Returns the server identification string (such as Apache/2.2.24) |
| $\_SERVER['SERVER\_PROTOCOL'] | Returns the name and revision of the information protocol (such as HTTP/1.1) |
| $\_SERVER['REQUEST\_METHOD'] | Returns the request method used to access the page (such as POST) |

## **PHP $\_REQUEST**

PHP $\_REQUEST is used to collect data after submitting an HTML form.

## **PHP $\_POST**

PHP $\_POST is widely used to collect form data after submitting an HTML form with method="post". $\_POST is also widely used to pass variables.

## **PHP $\_GET**

PHP $\_GET can also be used to collect form data after submitting an HTML form with method="get".

$\_GET can also collect data sent in the URL.