* PHP is a server side scripting language and by using the PHP we can make dynamic web pages & web site.
* XAMPP is a tool to start PHP & Mysql servers.
* Create virtual directory – Go to where install the XAMPP
  + Ex: E\XAMPP\htdocs and then create one folder.
  + To execute this virtual directory -> Go to browser and enter like
* [http://localhost/<virtualdirectory>/<pagename](http://localhost/%3cvirtualdirectory%3e/%3cpagename)>
* Use // for single line comment.
* User /\* \*/ for multi line comment.
* PHP Is loosely coupled.
* Concatenating two or more strings or variables in the below way.
* $compnayName = 'Emplicar';
* $established = '2023';
* // Super Global Variables.
* echo 'Welcome to '.$compnayName.' Established in '.$established;
* Example of double $$
* $f = 'rose';
* $rose = 'Beautiful';
* echo $$f;
* To print an array we can use print\_r.

# Arrays

* Indexed arrays
* Associate arrays.
* Array declaration

$indexArray = [];

* Adding the elements to the array.

$indexArray[0] = 'Hello';

$indexArray[1] = 'Emplicar';

* Print the array elements
* print\_r($indexArray);

# Super global variables.

Command : $globals;

Return Type : Array;

Ex:

echo '<pre>';

print\_r($GLOBALS);

Output:

Array

(

[\_GET] => Array

(

)

[\_POST] => Array

(

)

[\_COOKIE] => Array

(

)

[\_FILES] => Array

(

)

[GLOBALS] => Array

\*RECURSION\*

)

Server global variables.

Command : $\_SERVER[];

Return Type : Array;

* To find which applications are acceptable by Apache web server
  + echo $\_SERVER['HTTP\_ACCEPT'];
* To find document root directory ( Current virtual directory)
  + Pending.
* To find acceptable language by Apache web server.
  + echo $\_SERVER['HTTP\_ACCEPT\_LANGUAGE'];
* To find current working script host name.
* echo $\_SERVER['HTTP\_HOST'];
* To find the system root directory.
* echo $\_SERVER['SystemRoot'];
* To find the absolute path to my current script.

echo $\_SERVER['PATH'];

* To find the remote server address
* echo $\_SERVER['REMOTE\_ADDR'];
* To find the remote server name
* echo $\_SERVER['SERVER\_NAME'];
* To find the remote server port address
* echo $\_SERVER['SERVER\_PORT'];
* To find the document root directory.
* echo $\_SERVER['DOCUMENT\_ROOT'];
* To find the current script on Apache web server.
* echo $\_SERVER['SCRIPT\_FILENAME'];
* To find query string passing with current running script.
* echo $\_SERVER['QUERY\_STRING'];
* To find current virtual directory + current running file.
* echo $\_SERVER['SCRIPT\_NAME'];

Variable Functions.

|  |  |  |  |
| --- | --- | --- | --- |
| **F.Name** | **Syntax** | **Return type** | **Description.** |
| gettype | gettype(mixed var name) | String | Get the type of the variable  Ex: Integer , Float. |
| settype | settype(mixed var name , string type) | Boolean | Set the type of the variable. |
| Is\_int | Is\_int(mixed var name) | Boolean | Find whether a variable is integer. |
| Is\_float | Is\_float(mixed var name) | Boolean | Find whether a variable is boolean. |
| Is\_double | Is\_double(mixed var name) | Boolean | Find whether a variable is Boolean. |
| Is\_array | Is\_array(mixed var name) | Boolean | Find whether a variable is Array. |
| Is\_string | Is\_string(mixed var name) | Boolean | Find whether a variable is string. |
| Is\_bool | Is\_bool(mixed var name) | Boolean | Find whether a variable is Boolean. |
| echo | echo (mixed var name) | Void | Output the string. |
| print | print(mixed var name) | Integer | Output the string. |
| print\_r | print\_r(array var name) | Boolean | Prints the array values. |
| var\_dump | var\_dump(mixed var name) | Void | Display the complete information of the variable. |