**What is PHP?**

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. PHP is an acronym for "PHP: Hypertext Preprocessor"

**What is version control system (vcs)?**

A version control system (also known as a Revision Control System) is a repository of files, often the files for the source code of computer programs, with monitored access.

**What is GIT?**

Git is a source code management (SCM) system.

**What is web server?**

A web server is an information technology that processes requests via HTTP, the basic network protocol used to distribute information on the World Wide Web.

**What is the default file extension for PHP file?**

default file extension for PHP file is “.php”

**How to make comments in PHP?**

// This is a single-line comment

# This is also a single-line comment

/\*  
This is a multiple-lines comment block  
that spans over multiple  
lines  
\*/

**What is the GitLab?**

GitLab is a great way to manage git repositories on a centralized server. GitLab gives you complete control over your repositories and allows you to decide whether they are public or private for free.

**What is variable?**

variables as containers for storing data.

**How to declare variables in PHP?**

variable starts with the $ sign, followed by the name of the variable. Variable names are case-sensitive ($age and $AGE are two different variables)

**What are PHP variable scopes?**

PHP has three different variable scopes: local, global, static.

**What are the basic ways to get outputs in PHP?**

In PHP there are two basic ways to get output: echo and print.

echo "Hello world!";

print "Hello world!";

**What is the difference between echo and print?**

echo has no return value while print has a return value of 1 so it can be used in expressions. echo can take multiple parameters (although such usage is rare) whileprint can take one argument.

**What is string?**

A string is a sequence of characters, like "Hello world!".

**What is integer?**

An integer is a number of the set ℤ = {..., -2, -1, 0, 1, 2, ...}.

**What is Boolean?**

A Boolean represents two possible states: TRUE or FALSE.

**What is array?**

An array stores multiple values in one single variable

**What is float?**

A float (floating point number) is a number with a decimal point or a number in exponential form. This is data type in PHP.

**What is function?**

A function is a piece of code which takes one more input in the form of parameter and does some processing and returns a value. You already have seen many functions like fopen() and fread() etc. They are built-infunctions but PHP gives you option to create your own functions as well.

**What is the built-in PHP function to get the length of an string?**

The strlen() function returns the length of a string.

**How to create constants in PHP?**

Constants are like variables except that once they are defined they cannot be changed or undefined. A constant is an identifier (name) for a simple value. The value cannot be changed during the script. A valid constant name starts with a letter or underscore (no $ sign before the constant name). Note: Unlike variables, constants are automatically global across the entire script. Syntax : define(name, value, case-insensitive)

**What are the basic operators in PHP?**

Basic operators are :

+ Addition,- Subtraction,\* Multiplication,/ Division,% Modulus,\*\* Exponentiation,== Equal,!= Not equal,

> Greater than,< Less than,>= Greater than or equal to,<= Less than or equal to

**What is XAMPP?**

XAMPP is a free and open source cross-platform web server.

**What is IDE?**

An integrated development environment(IDE) is a software application that provides comprehensive facilities to computer programmers for software development.  An IDE normally consists of a source code editor, build automation tools and a debugger.

**What is pre-increment?**

Increments value by one, then returns value

**What are array operators?**

The PHP array operators are used to compare arrays.

+ Union,== Equality,=== Identity,!= Inequality,<> Inequality,!== Non-identity

**Write the basic syntax for if statement?**

if (condition) {  
    code to be executed if condition is true;  
}

**What is basic syntax for if-else statement?**

if (condition) {  
    code to be executed if condition is true;  
} else {  
    code to be executed if condition is false;  
}

**What is basic syntax for switch statement?**

switch (n) {  
    case label1:  
        code to be executed if n=label1;  
        break;  
    case label2:  
        code to be executed if n=label2;  
        break;  
    case label3:  
        code to be executed if n=label3;  
        break;  
    ...  
    default:  
        code to be executed if n is different from all labels;  
}

**What is basic syntax for while loop?**

while (condition is true) {  
    code to be executed;  
}

**What is do while loop?**

do {  
    code to be executed;  
} while (condition is true);

**Write the basic syntax for foreach loop?**

foreach ($array as $value) {  
    code to be executed;  
}

**How to create a user defined function in PHP?**

function functionName() {  
    code to be executed;  
}

**What is function argument?**

Information can be passed to functions through arguments. An argument is just like a variable.

**What is associative array?**

Associative arrays are arrays that use named keys that you assign to them. There are two ways to create an associative array.

**What is multidimensional array?**

A multidimensional array is an array containing one or more arrays. This can be stored in multidimensional arrays.

**What are the PHP super global variables?**

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.

$GLOBALS

$\_SERVER

$\_REQUEST

$\_POST

$\_GET

$\_FILES

$\_ENV

$\_COOKIE

$\_SESSION

**What is class?**

A class is a collection of variables and functions working with these variables. Variables are defined by var and functions by function.

**What is the $\_SESSION?**

Session variables hold information about one single user, and are available to all pages in one application.

**What is the difference between $\_POST and $\_GET method?**

**What is URL?**

URL stands for Uniform Resource Locator, and is used to specify addresses on the World Wide Web.

**What is include and require statement?**

include 'filename';

require 'filename';

**What are the basic file handling function?**

File handling is an important part of any web application. You often need to open and process a file for different tasks. PHP has several functions for creating, reading, uploading, and editing files.

**What is the basic difference between require and require\_once?**

require() includes and evaluates a specific file,

require\_once() does that only if it has not been included before (on the same page).