

## PHP : Hypertext Pre-Processor

### TRAINING COURSE CONTENT

#### 1. INTRODUCTION TO PHP

- ❖ What is PHP
- ❖ Uses of PHP
- ❖ Characteristics Of PHP
- ❖ Hello World - Example

#### 2. Environment Setup

- ❖ Installing XAMP
- ❖ How to Use XAMP
- ❖ Running PHP Script On XAMP Server

#### 3. SYNTAX OVERVIEW

- ❖ Different Syntax in PHP
- ❖ Commenting PHP Code
- ❖ Different properties in Syntax

#### 4. TYPES OF VARIABLES

- ❖ Understanding Different Types Of Variables Used In PHP
- ❖ Variable Naming
- ❖ PHP-Variables
- ❖ PHP Local Variables
- ❖ PHP Function Parameters
- ❖ PHP Global Variables
- ❖ PHP Static Variables
- ❖ Examples

#### 5. CONSTANTS

- ❖ Introduction to constants
- ❖ Valid & Invalid Constants
- ❖ PHP Magic Constants
- ❖ Examples

## 6. OPERATORS IN PHP

- ❖ Introduction to Operators in PHP
- ❖ Arithmetic Operators
- ❖ Comparison Operators
- ❖ Logical Operators
- ❖ Assignment Operators
- ❖ Conditional Operators
- ❖ Examples

## 7. DECISION MAKING

- ❖ Introduction to Decision Making in PHP
- ❖ The If...Else Statement
- ❖ The Elself Statement
- ❖ The Switch Statement
- ❖ Examples

## 8. TYPES OF LOOP IN PHP

- ❖ What is looping?
- ❖ The for loop statement
- ❖ The while loop statement
- ❖ The do...while loop statement
- ❖ The for-each loop statement The break statement
- ❖ The continue statement
- ❖ Examples

## 9. ARRAYS

- ❖ What are Arrays?
- ❖ Numeric Array
- ❖ Associative Arrays
- ❖ Multidimensional Arrays
- ❖ Examples

## 10. WEB CONCEPTS

- ❖ Using HTML Forms in PHP
- ❖ Examples



## 11. GET & POST METHOD

- ❖ The GET Method
- ❖ The POST Method
- ❖ The \$\_REQUEST variable
- ❖ Examples

## 12. FILE INCLUSION

- ❖ Introduction to File Inclusion
- ❖ The include() Function
- ❖ The require() Function
- ❖ Examples

## 13. FILES & I/O

- ❖ Opening and Closing Files
- ❖ Reading a file
- ❖ Writing a file
- ❖ Examples

## 14. FUNCTIONS

- ❖ Creating PHP Function
- ❖ PHP Functions with Parameters
- ❖ Passing Arguments by Reference
- ❖ PHP Functions returning value
- ❖ Examples

## 15. E-Mails In PHP

- ❖ Configuring Mail In PHP
- ❖ Sending Plain Text E-Mail in PHP
- ❖ Different Parameters of E-Mail in PHP
- ❖ Examples

## 16. FILE UPLOADING

- ❖ Creating an Upload Form
- ❖ Creating an Upload Script
- ❖ Examples

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## 17. PHP FORM HANDLING

- ❖ Creating Simple HTML Form
- ❖ Creating a Complete PHP Form with Validation & Required Fields
- ❖ Examples

## 18. PHP LOGIN

- ❖ Creating Simple PHP Login Form
- ❖ Creating PHP MYSQL Login Form
- ❖ Examples

## 19. PHP & MYSQL

- ❖ Connecting to MySQL database
  - Opening Database Connection.
  - Closing Database Connection.
  - Examples
- ❖ Creating MySQL Database
  - Creating a Database
  - Selecting Database
  - Creating Tables in Database
  - Examples
- ❖ Deleting MySQL Database
  - Deleting a Database
  - Deleting a Table
  - Examples
- ❖ Inserting Data to Database
- ❖ Retrieving Data From Database
- ❖ Updating Data into MySQL Database
- ❖ Deleting Data from MySQL Database
- ❖ Examples

## 20. PHP – DATE & TIME

- ❖ Getting the Time Stamp with time()
- ❖ Converting a Time Stamp with date()
- ❖ Examples