PHP With MySQL

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 ElseIf 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

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

TRAINING PROGRAM

21. INTRODUCTION TO DATABASE

- ❖ What is Database
- ❖ What is RDMS
- ❖ RDMS Terminology
- ❖ Introduction to MySQL Database
- ❖ MySQL PHP Syntax

22. MYSQL CONNECTION

- ❖ MySQL Connection using PHP Script
- ❖ Examples

23. CREATING MYSQL DATABASE

- ❖ Creating Database using PHP Script
- ❖ Examples

24. DROPPING MYSQL DATABASE

- ❖ Dropping Database using PHP Script
- ❖ Examples

25. SELECTING MYSQL DATABASE

- ❖ Selecting Database using PHP Script
- ❖ Examples

26. MySQL Data Types

- ❖ Numeric Data Types
- ❖ Date & Time Types
- ❖ String Types

27. CREATING MYSQL TABLES

- ❖ Creating MySQL Tables using PHP Script
- ❖ Examples

28 DROPPING MYSQL TABLES

- ❖ Dropping MySQL Tables using PHP Script
- ❖ Examples

29. MYSQL INSERT QUERY

- ❖ Inserting Data into MySQL Tables using PHP Script
- ❖ Examples

30. MYSQL SELECT QUERY

- ❖ Fetching Data from MySQL Tables using PHP Script
- ❖ Examples

31. MYSQL WHERE CLAUSE

- ❖ Fetching Particular Data from MySQL Tables using PHP Script
- ❖ Examples

32. MYSQL UPDATE QUERY

- ❖ Updating Data into MySQL Tables using PHP Script
- ❖ Examples

33. MYSQL DELETE QUERY

- ❖ Deleting records from MySQL Tables using PHP Script
- ❖ Examples

34. MYSQL LIKE CLAUSE

- ❖ Using LIKE clause inside PHP Script
- ❖ Examples

35. MYSQL SORTING RESULTS

- ❖ Using ORDER BY clause inside PHP Script
- ❖ Examples

36. MYSQL JOINS – USING MULTIPLE TABLES

- ❖ Using JOINS in PHP Script
- ❖ Examples

37. HANDLING MYSQL NULL VALUES

- ❖ Handling NULL Values in PHP Script
- ❖ Examples

38. MYSQL CLONE TABLES

❖ Copy Data from One table to another table.

❖ Examples

THANK YOU !!