PHP Course Details

Introduction

1. The Origin of PHP
2. PHP is better than Its alternatives
3. Interfaces to External systems
4. Hardware and Software requirements
5. What a PHP Script Looks Likec
6. Web Designing Basics and WYSIWYG Editor
7. Receiving User Input
8. Repeating Code

Basic PHP Development

1. How PHP scripts work
2. Basic PHP syntax
3. PHP data types
4. Google Caffeine
5. displaying type information
6. Testing for a specific data type
7. Changing type with Set type
8. Operators
9. Variable manipulation
10. Dynamic variables
11. Static vs. Dynamic Optimization
12. Analytics, Analysis and ROI Concept

String Manipulation

1. Formatting String for Presentation
2. Formatting String for Storage
3. Joining and Splitting String
4. Comparing String
5. Matching and replace Substring

Control Structures

1. If(), else if() and else if condition Statement
2. The switch statement
3. Using the ? operator
4. Using the while() Loop
5. The do while statement
6. Using the for() Loop
7. Breaking out of loops
8. Nesting loops
9. Summary

Functions

1. What a function
2. Creating a function
3. Returning value from function
4. User-defined functions
5. Dynamic function calls
6. Variable scope
7. Accessing variable with the global statement
8. Function calls with the static statement
9. Setting default values for arguments
10. Passing arguments to a function by value

11. Passing arguments to a function by reference
12. Testing for function existence Arrays
13. Single-Dimensional Arrays
14. Multidimensional Arrays
15. Associative arrays
16. Accessing arrays
17. Getting the size of an array
18. Looping through an array
19. Looping through an associative array
20. Examining arrays
21. merging arrays
22. Sorting arrays
23. Sorting an associative arrays

Working With The File System

1. Creating and deleting a file
2. Reading and writing text files
3. Working with directories in PHP
4. Checking for existence of file
5. Determining file size
6. Opening a file for writing, reading, or appending
7. Writing Data to the file
8. Reading characters

Working With Forms

1. Forms
2. Super global variables
3. Super global array
4. A script to acquire user input
5. Importing user input
6. Accessing user input
7. Combine HTML and PHP code
8. Using hidden fields
9. Redirecting the user
10. File upload and scripts
11. Delete a File

Working With Regular Expressions

1. The basic regular expressions
2. Matching patterns
3. Finding matches
4. Replace patterns

Classes And Objects

1. Object oriented concepts
2. Define a class
3. Class attributes
4. An Object
5. Creating an object
6. Object properties
7. Object methods
8. Object constructors and destructors
9. Class constants
10. Static method
11. Class inheritance
12. Abstract classes
13. Final keyword
14. Implementing Interface
15. Object serialization
16. Understanding Advance and New
17. Checking for class and method existence
18. Iterators

Introduction To Database

1. What is RDBMS technology?
2. Introduction to SQL
3. Connecting to the MYSQL
4. Selecting a database
5. Adding data to a table
6. Displaying returned data on Web pages
7. Finding the number of rows
8. Looping through database
9. Inserting data
10. Deleting data
11. Entering and updating data
12. Executing multiple queries
13. Understanding Primary and Foreign Keys
14. Understanding Database Normalization
15. Dealing with Dates and Times

Cookies

1. What is a Cookie?
2. Setting time in a cookie with PHP
3. Deleting a cookie
4. Creating session cookie
5. Working with the query string

Session

1. what is session?
2. Starting a session
3. Registering Session variables
4. working with session variables
5. destroying session
6. passing session Ids
7. encoding and decoding session variables
8. How to increase session expire time
9. How to work session without cookie?

Advance PHP techniques

1. Introduction about FTP/SMTP server
2. Math functions
3. File upload
4. File Download
5. E-mail with PHP
6. PHP configuration file
7. Error tacking and debugging

JavaScript (Jquery)

1. Introduction to JavaScript
2. Form validation using JavaScript
3. Email validation using JavaScript
4. Jquery

XML

1. Introduction to XML and its use.

AJAX (Asynchronous JavaScript and XML)

1. Introduction to AJAX
2. Introduction to XMLHttpRequest Object
3. Method and Properties of XMLHttpRequest
4. Application of AJAX in web application

FrameWork, CMS

1. Basic Concepts of FrameWork (CAKE PHP, CodeIgniter)
2. Basic Concept of CMS (Wordpress, Magento, Joomla)

PHP Project

1. Project Discussion
2. Requirements analysis of Project

Thus, if you are looking for PHP training classes just contact us at info@shimpyinfotech.com to experience the best PHP training modules.