PHP with MySQL + SEO
Website Development Course

PHP with MySQL Training Course

About Course

PHP started out as a small open source project that evolved as more and more people found out how useful it was. Rasmus Lerdorf unleashed the first version of PHP way back in 1994.

- ✓ PHP is a recursive acronym for "PHP: Hypertext Preprocessor".
- ✓ PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.
- ✓ It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.
- ✓ PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record-setting time.
- ✓ PHP supports a large number of major protocols such as POP3, IMAP, and LDAP. PHP4 added support for Java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time.
- ✓ PHP is forgiving: PHP language tries to be as forgiving as possible.
- ✓ PHP Syntax is C-Like.

Prerequisites

Before joining any Professional Programming Courses students should have very basic knowledge of any one programming language like "C", "C++", or any other programming language basics. It will be helpful to understand the subject in easiest and in better way.

Syllabus Overview

Introduction to HTML

- ❖ Course Overview
- ❖ Introduction of Internet Technology
- ❖ Web Page Layout
- ❖ Web Development Process
- ❖ HTML Building Blocks
- ❖ Starting Your Web Page
- ❖ Text Formatting

- ❖ Creating/Using Web Images
- ❖ Hyper Links
- ❖ Special Characters
- ❖ Bulleted List
- ❖ Table creation
- ❖ Forms
- ❖ Frames

CSS(Cascading Styling Sheet and Publishing)

- ❖ Introduction to Style Sheet
- ❖ Setting up Style Sheet
- ❖ Formatting Text With Styles

Introduction To PHP

- ❖ The Origin Of PHP
- ❖ Features Of PHP
- ❖ Why Use PHP
- ❖ How PHP Work With Web Server
- ❖ Interface To External Systems
- ❖ What You Should Know
- ❖ Hardware And Software Requirements
- ❖ Installing Wamp/XAMPP In Windows
- ❖ Important Point Related To Wamp
- ❖ Making Mysql Password Protected
- ❖ Installing Notepad++
- ❖ Write First PHP Script
- ❖ PHP Tags
- ❖ Embedding With Html
- ❖ Hello World Script
- ❖ Execution Of PHP Page
- ❖ Comments
- ❖ Variables
- ❖ Outputting Static Data To The Browser

- ❖ Outputting Dynamic Data To The Browser
- ❖ Constants
- ❖ Datatypes
- ❖ Integers And Floats
- ❖ Strings Functions
- ❖ Strings
- ❖ Boolean
- ❖ Arrays
- ❖ Objects
- ❖ Resources
- ❖ Null Type

Expression Operand And Operators

- ❖ Arithmetic Operators
- ❖ Assignment Operators
- ❖ Equality Operators
- ❖ String Operators
- ❖ Increment And Decrement Operators
- ❖ Comparison Operators
- ❖ Logical Operators
- ❖ Logical Operators (Example)
- ❖ Bitwise Operators
- ❖ Example Of Bitwise, AND, OR
- ❖ Operators Precedence
- ❖ Operators Associativity

Control Flow Operations

- ❖ If Statements
- ❖ The Else Statements
- ❖ The Elseif Statements
- ❖ Some Complex Comparison
- ❖ Switch Statements
- ❖ The Ternary Operator

Loop Operations

- ❖ While Loop
- ❖ Do-While Loop
- ❖ For Loop
- ❖ Foreach Loop
- ❖ Nested Loop
- ❖ Continue Statements
- ❖ Break Statements
- ❖ Goto Statements

Functions

- ❖ Functions
- ❖ Creating Function
- ❖ Passing Arguments By Value
- ❖ Scope Of Variable
- ❖ Passing Arguments By Reference
- ❖ Default Arguments Value
- ❖ Return Statements
- ❖ Calculating Factorial Of The Number
- ❖ Reverse Function

Array Revised

- ❖ Associative Array
- ❖ Adding Array Elements
- ❖ Removing Array Elements
- ❖ Locating Array Elements
- ❖ Array_Walk Method
- ❖ Determining Array Size And Uniqueness
- ❖ Merging And Combining Array
- ❖ Array Intersection
- ❖ Array Differences
- ❖ Sorting
- ❖ Array Of An Array

OOP(Object Oriented Programming) Concepts

- ❖ What Is OOP
- ❖ Classes And Objects
- ❖ OOPS Fundamental Concept
- ❖ Creating Classes
- ❖ Property Or Method Scope
- ❖ Public Property
- ❖ Private Property
- ❖ _Set And _Get Methods
- ❖ Constants In A Class
- ❖ Methods
- ❖ Constructor
- ❖ Destructor
- ❖ Static Members
- ❖ Instance Of Keyword
- ❖ Autoloading Classes And Object
- ❖ OOPS Feature Not Supported By PHP
- ❖ Object Cloning
- ❖ _Clone Method
- ❖ Inheritance
- ❖ Inheritance And Constructors
- ❖ Interfaces
- ❖ Single Interfaces
- ❖ Abstract Classes
- ❖ Multiple Interface
- ❖ Include Statement
- ❖ Conditional Include
- ❖ Other Inclusion Statements
- ❖ Regular Expressions
- ❖ Brackets And Quantifiers
- ❖ Predefined Character Ranges
- ❖ Performing a Search
- ❖ Replacing Text
- ❖ Searching An Array
- ❖ Matching All Occurrences Of A Pattern
- ❖ Comparing Two Strings

- ❖ Similarity Between Two Strings
- ❖ Manipulating String Case
- ❖ Converting Newline Characters To Html Break Tags
- ❖ Converting Array To String

File Handling

- ❖ File Introduction
- ❖ Understanding File Permissions
- ❖ File Accessing
- ❖ Writing To Files
- ❖ Deleting Files
- ❖ Moving Pointer
- ❖ Reading Files
- ❖ File Details
- ❖ Working With Directories

Date Time Handling

- ❖ Unix Time Stamp
- ❖ Validating Dates
- ❖ Formatting Dates
- ❖ Working With Time
- ❖ Working With Timestamp
- ❖ Datetime Class

Exception Handling

- ❖ Exception
- ❖ Raising Exception

State Management in PHP

- ❖ Creating Links
- ❖ Passing Data From One Page To Another
- ❖ Encoding
- ❖ Forms

- ❖ Cookies
- ❖ Sessions
- ❖ Headers
- ❖ Page Redirection Through Headers
- ❖ Output Buffering

My SQL

- ❖ Mysql Intro
- ❖ Creating Database
- ❖ Performing Curd Operations
- ❖ PHP With Mysql
- ❖ PHPmyadmin
- ❖ PHPmyadmin features
- ❖ Debugging
- ❖ Relational Database
- ❖ Project setup
- ❖ Includes
- ❖ Inserting Records
- ❖ Using Database
- ❖ Navigation
- ❖ Refactoring
- ❖ Navigation Links
- ❖ Getting Values
- ❖ Selected Links
- ❖ Storing In Database
- ❖ Mysql Escape Sequences
- ❖ Validation
- ❖ Updation
- ❖ Deletion
- ❖ Page Curd
- ❖ Public Area
- ❖ Public Navigation
- ❖ Role Of Visible Attribute
- ❖ Overview Of Login Part
- ❖ Encryption
- ❖ Login Page

❖ Authorization
❖ Confirm Access
❖ Logout

Working With J-Query/Java Script
Website Deployment and Hosting