

Course Contents of PHP With MySQL SERVER

<p><u>Installation:</u> Introduction PHP and Mysql PHP Installation MySQL Installation Apache Installation. XAMPP and WAMPP Installation</p> <p><u>PHP Basics:</u> Embedding PHP in HTML Embedding HTML in PHP Introduction Variable Using variables Understanding Data Types Using Operators Writing Statements and Comments Using Conditional Statements If(), else if() and else if condition Statement</p> <p><u>Arrays and Custom Functions:</u> Creating an Array Modifying Array Elements Processing Arrays with Loops Grouping Form Selections with Arrays Using Array Functions Creating User-Defined Functions Defining and Invoking Functions</p> <p><u>Creating basic programs with PHP:</u> Reading and Writing Files Reading Data from a File Writing Data to a File Testing File Attributes. Managing Sessions and Using Session Variables Creating a Session and Registering Session Variables Destroying a Session Storing Data in Cookies Setting Cookies Retrieving Cookie Data Dealing with Dates and Times Executing External Programs</p>	<p><u>Editing Records and Performing Queries:</u> Inserting Records Editing and Deleting Records Performing Queries Retrieving Specific Columns Filtering Records with a WHERE Clause Using Operators Sorting Records and Eliminating Duplicates Limiting Results Using Built-In Functions Grouping Records Joining Tables Using Subqueries Using Table and Column Aliases</p> <p><u>Using PHP with MySQL:</u> Managing Database Connections Performing Queries Processing Result Sets Queries Which Return Data Queries That Alter Data Handling Errors Using Ancillary Functions</p> <p><u>Creating Forms with HTML:</u> HTML Basics Creating Forms with HTML</p> <p><u>Validations with JavaScript:</u> Introduction to Java Scripting Types of Java Scripts Variables, operators, loops Using Objects, Events Common java script functions Using JavaScript in Dreamweaver Java Script Validations</p> <p><u>Project</u> Requirements analysis of Project Documentation of Project Project code Execution Project Testing</p>
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MySQL SERVER:

Understanding an RDBMS
Understanding a Relational Database
Understanding Tables, Records, and Fields
Understanding Primary and Foreign Keys
Understanding SQL and SQL Queries
Understanding Database Normalization
Using the MySQL Command-Line Client

Working with Databases and Tables:

Creating Databases
Creating Tables
Specifying Field Data Types
Selecting the Most Appropriate Data Type
Adding Field Modifiers and Keys
Selecting a Table Type
Altering Tables
Altering Table and Field Names
Altering Field Properties
Adding and Removing Fields and Keys
Altering Table Types
Backing Up and Restoring Databases and Tables
Backing Up Databases and Tables
Restoring Databases and Tables from Backup
Dropping Databases and Tables
Viewing Database, Table, and Field Information