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YOUR COURSE, YOUR WAY - MORE EFFECTIVE IT TRAINING

PHP and MySQL Introduction

Duration: 2 days

Overview:

MySQLâ„¢ and PHP are two of the most popular open source technologies to emerge during the past decade. PHP is a powerful language for writing server-side Web applications. MySQL is the world's most popular open source database. Together, these two technologies provide you with a powerful platform for building database-driven Web applications.

Aspect Training's Introduction to PHP training course examines the core concepts and technologies required to build a basic dynamic website using PHP. The Introduction to PHP training begins by examining how to setup and configure Apache to support PHP and then our Introduction to PHP training moves on to explore the language fundamentals of PHP. The Introduction to PHP training concludes with a discussion about form-driven websites, state management, and overall site design.

Prerequisites:

This course is suitable for experienced web developers with a good grasp of HTML and general web concepts.

Topics:

1 - Getting started

Background to PHP

Installation and configuration

Embedding PHP tags

Adding comments

Using the Print function

2 - PHP scripting

Using variables

Dynamic variables

Data types

Defining arrays

Associative arrays

Manipulating arrays

Operators and expressions

If statements

Switch statements

The While statement

The For statement

Defining functions

Passing arguments

3 - Working with forms

Forms overview

Capturing user input

Get and Post differences

Working with global variables

Handling file uploads

4 - Accessing databases

Establishing a connection

Setting up queries

Using SQL commands

Displaying results

Adding records

Modifying records

Deleting records

5 - State management

Overview of strategies

Using hidden fields

Creating query strings

Reading and setting cookies

Setting expiry dates

Deleting cookies

Overview of session functions

Using session variables

Tracking the session ID

Manipulating data

Formatting strings

Manipulating strings

Searching strings

Regular expression functions

Replacing patterns in strings

Splitting strings

Formatting dates

Converting data types

6 - Errors and debugging

Overview of PHP errors

Logging errors

Typical scripting errors

Debugging strategies

Using Print statements

The Debug function

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