Global Knowledge ™

PHP Programming

Duration: 3 Days   Course Code: PHP   Delivery Method: Company Event

Overview:

The PHP Programming course is designed to give delegates the knowledge to develop/maintain PHP scripts.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

Programmers who need to write or maintain scripts in PHP.

Objectives:

- Knowledge of PHP to write,maintain and understand PHP scripts.

Prerequisites:

Delegates attending this course should be able to define general programming concepts including compilation and execution,variables,arrays,sequence,selection and iteration,navigate the filesystem (on the command line ideally),edit and save text files and browse the web. This knowledge can be obtained by attendance on the pre-requisite Introduction to Programming course.

Follow-on-Courses:
- PHP & MySQL for Web Development (PHPMWD)
- Apache Web Server (APH)
- Introduction to MySQL (MYSI)
- Perl Programming (PERL)
- Ruby Programming (RUBYP)
- Ruby on Rails (RUBYR)
- Python Programming 1 (PYP1)

Content:

PHP Programming Training Course   Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: PHP LANGUAGE BASICS

- Programming Basics
- Comment markers
- PHP Tags
- Output Commands
- Using STDIN STDOUT and STDERR
- Using Files
- Include_path
- Opening files
- Reading files
- Writing to Files
- RTRIM
- Operators
- Assignment Operators
- Increment/Decrement Operators
- Arithmetic Operators
- String Operators
- Comparison Operators
- Logical Operators

Session 2: PHP VARIABLES AND ARRAYS

- Naming Rules
- Data Types
- Numerical
- Integer
- Floating Point Numbers
- Floating Point Precision
- Single Quoted Strings
- Double Quoted Strings
- Creating and Assigning Variables
- Assigning Values to Variables
- Type Conversion
- Super Globals
- Constants
- Variable Variables
- Creating/modifying indexed and associative arrays
- Multi-Dimensional arrays
- Using array functions
- Sorting an array   PHP Programming Training Course   Course Contents - DAY 2

Session 3: CONTROL STRUCTURES

- Statement Blocks
- If Construct
- Else Keyword
- Elseif Keyword
- Switch
- Looping Constructs
- While Loop
- Do-while Loop
- For Loop
- Foreach Loop
- Loop Control Words
- Break
- Continue

Session 4: PHP FUNCTIONS

- Overview
- Variable Scoping
- Global Keyword
- Static Keyword
- Argument Passing by Value
- Argument Passing by Reference
- Returning Values
- Including External PHP Functions
- Conditionally Created Functions
- Functions Created Inside Functions

Session 5: REGULAR EXPRESSIONS

- Meta-Characters
- Sequences
- Sets
- Pattern Matching with ereg and eregi
- Pattern Matching with preg_match
- Splitting Text - preg_split
- Replacing Text - preg_replace
  PHP Programming Training Course
  Course Contents - DAY 3

Session 6: PHP OBJECT ORIENTED

- PHP Object Orientated Concepts
- Creating Classes and Objects
- Constructor and Destructor functions
- Inheritance
- Access Modifiers

Session 7: PHP ; PEAR

- What is PEAR?
- Command Line Package Installer
- Fully-Automatic Installation
- Semi-Automatic Installation
- What is PECL?

Session 8: PHP ; HTML

- HTML/PHP Examples

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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