

ASPIRE TECHSOFT PVT. LTD.

ISO 9001: 2015 Certified Training Institute

PHP

Duration: 60 hours

Batches: Weekdays/ Weekend

Introduction

Using the exercise files

PHP Overview

What is PHP
Why choose PHP
Installation overview

Windows Installation

Installing6m
Configuring
The text editor

First Steps

Viewing PHP configuration information
Embedding PHP
'Hello World!
The operational trail
Inserting comments

Exploring Data Types

Variables
Strings
String functions
Numbers pt. 1: Integers
Numbers pt. 2: Floating points
Arrays
Array functions
Booleans and NULL
Type switching and casting
Constants

Control

1

If statements
Else and else if statements
Logical operators
Switch statements

Control Structures

While loops
For loops
For each loops
Continue
Break
Understanding array pointers

User-Defined Functions

Defining functions
Using functions
Returning values from a function
Setting global variables
Setting default values

Debugging

Debugging and troubleshooting

Building Web Pages

Links and URLs
Using GET values
Encoding GET values
Encoding for HTML
Building forms5
Setting cookies

Establishing sessions

Headers and page redirection

Including and requiring pages

MySQL Basics

MySQL introduction

Creating a database in MySQL

Populating a MySQL database

phpMyAdmin

Connecting to MySQL with PHP

Accessing data in MySQL with PHP

Building a Content Management System

Blueprinting your application

Building the CMS database

Understanding relational databases

Establishing your work area

Creating your first page

Making page assets reusable

Connecting your site to a database

Building dynamic navigation

Refactoring the navigation

Adding links to your navigation

Determining which page is selected

Displaying HTML based on the selection

Application CRUD

Finding a subject in the database

Finding a page in the database

Creating a page for a new subject

Creating a subject entry form

Adding subjects

Escaping values for MySQL

Form validation

Additional form validation

Editing a subject

Using single-page submission

Updating a subject in the database

Sending form results as messages

Deleting a subject

CRUD review and assignment

CRUD assignment results

Building the Public Area

The public appearance

Navigation in the public context

Functions in the public context

Creating a default subject behavior

Text encoding and transforming

Regulating Page Access

User access overview

Encryption

Creating a login system

Checking authorization

Using sessions to maintain login status

Creating a logout page

Conclusion