

Advanced PHP programming (BT401)

40 Hours

Overview

PHP is a programming language, which works on the server side scripting to produce dynamic Web pages. It's can be easily integrated with HTML and SQL to produce these dynamic web pages, and is often used to process the contents of a Web page form, as it is more secure and reliable than JavaScript.

You will learn how PHP can help you design a powerful web page that combined with MySQL.

Audience profile

The course is designed for Java developers (also beginners) who want to learn how to create customize a web site via PHP.

Prerequisites

Delegates should have a working knowledge in Html, JavaScript and CSS.

Objectives

- Overall Introduction to PHP.
- Learn about PHP Syntax, parameters, variables and functions.
- Learn about PHP and MySQL connectivity.
- Learn PHP form validation
- Learn PHP form handling

Content

Introduction

- Local Development Environment and Software Install
- Embedding PHP in HTML
- Using Dynamic Data
- Inserting Comments in PHP

Data Types

- Variables in PHP
- Math
- Arrays
- Associative Arrays
- Examples

Control Structures

- if Statements
- Switch Statements in PHP
- Comparison and Logical Operators
- Loops in PHP
- Examples

Functions and classes

- Defining functions
- Global Variable and Scope
- Function in and out parameters
- Constants
- Math Functions

- String Functions
- Array Functions
- Objects and classes
- Examples

Forms

- Form Submission
- Extracting Information from form
- Validating Form
- External Page
- Examples

Databases

- Creating a Database in PHPmyadmin
- Queries – select insert delete and update
- ReFactoring Database
- Files
- Refactoring
- Examples

PHP Security

- Password Encryption
- SQL Injection
- Examples

Web on PHP

- Get/post
- Cookies
- Session
- Examples

CMS Project / Blogging System

- CMS
- Assets
- Reusable
- Working with data
- navigation links
- Categories
- Dashboard
- Notification
- Examples

Pagination

- Links and Get Request