



Advance PHP



About Course

It is designed for experienced developers and those who have completed our PHP Essentials course.

In particular, it covers all the latest Object-Oriented-Programming (OOP) and functional programming features introduced in PHP 5.3, PHP 5.4, and PHP 5.5. This is our most advanced PHP programming offering.

ADVANCED PHP

CURRICULUM

1

OBJECT ORIENTED PHP

Object oriented concepts

Classes, objects and operations

Class attributes

Access Modifier

Constructor & Destructor

Inheritance

Static method

Type Hinting

Object Cloning

Abstract class

Final keyword

Inheritance

Implementing interface

Understanding Advance and New Object

Oriented functionality

Magic functions with PHP

2

CODEIGNITER

Introduction to CodeIgniter

Why Framework
Introduction to MVC
Folder Structure
Configuration Setting
Routing
Controllers
Introduction Of Controller
CI_Controller , Request Parameters ,Actions
Controller Methods & Attributes
Creating Core Controller Class
Views
Creating Views
Layouts (Use Image, CSS, Bootstrap, JS)
Calling in controller
Helpers (FormHelper , HTML Helpers) in Views
Models
Creating Model
How to Load in controller
Calling in Controller
Apply The Business logic
Creating Core Model Class
Helpers
Introduction
How to load Helper
Apply To Controller and Views
Creating Own Helper

How to override other Helper Libraries
Introduction
How to load Library
Apply to Controller and Model
Creating Own Library
How to override other Libraries

3 Database

Introduction
How to Configure Active Records and Query Builder
CRUDS operation (Create Insert Update Delete and Search)
Form Validation, Session, Pagination, Uploading
Autoload Configuration Setting
How to Remove index.php in URL
Security Features
Project Implementation in Code Igniter - Ecommerce

4 LARAVEL

Introduction of Laravel PHP Framework
Introduction of LARAVEL
Installing Laravel
Introduction of MVC Pattern
Laravel Directory Structure

5 Setting up a sample project ' Hello World '

Artisan command to generate a controller

Basic routing

Call a controller method from a route

Passing variables from controllers to views

6 HTML to Laravel Blade Syntax

Display Images

Make Anchor

Displaying Variables Conditional Statements

Loop in blade

PHP function

Build Your Master layout

Extending the master layout

nested views

Include Views

Adding assets

7 Using Forms and Gathering Input

Adding HTML 5 Package

Creating A form using Blade Syntax

Validating user input

File Uploading

Error message Handling

Encrypting and decrypting data
Preserving the data

8 Using Controllers and Routes for URLs

Introduction

Creating a basic controller

Creating a route using a closure

Making the controller As a routing

Using route groups

Using route resource

9 Database Connectivity

Introduction Model

Type of Database using

Eloquent ORM Model

Naming Convention

Table name

Primary key

Timestamps

Use model

Display data from models in views

Manage Mass Assignment

CRUDS Operation (Create Read Update Delete
Search Operations)

Fluent

Simple Query String

CRUDS Operation (Create Read Update
Delete Search Operations)

Query Builder

CRUDS Operation (Create Read Update
Delete Search Operations)

10 Security & Session

Removing Public from URL
Sessions Effective

11 WORDPRESS

12 CMS Introduction

Getting Started with Wordpress
Installation
Setup Your Profile
Wordpress Structure

13 Creating Content with Wordpress

Wordpress Posts Vs. Pages
Categories Vs. Tags

Media Manager
Create Custom Menus

14

Customizing Your Wordpress Site

How to Use Themes
Customize theme
How to use Plugins and Widgets
Using Wordpress Screen Options
Managing Wordpress Comments

15

Wordpress Site Management

Upgrading Wordpress
Move Web Content with Wordpress Import and Export
Managing User Roles
Wordpress Security Briefing

16

Wordpress Setting

WordPress General Settings
WordPress Writing Settings
WordPress Reading Settings
WordPress Discussion Settings
WordPress Media Settings
How to Use WordPress Permalinks

17 Theme Customization

How to customize a theme

What is a Child Theme and How to Create and Use it

How to create Custom page, category templates

18 Wordpress Plugins

How to install a plugin

How to modify the plugin

How to develop a simple plugin

How to Connect your plugin with database

19 Implementing Woo Commerce

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