



Core PHP

Introduction to PHP

- ✓ Evaluation of Php
- ✓ Basic Syntax
- ✓ Defining variable and constant
- ✓ Php Data type
- ✓ Operator and Expression

Handling Html Form With Php

- ✓ Capturing Form Data
- ✓ Dealing with Multi-value filed
- ✓ Generating File uploaded form
- ✓ Redirecting a form after submission

Decisions and loop

- ✓ Making Decisions
- ✓ Doing Repetitive task with looping
- ✓ Mixing Decisions and looping with Html

Function

- ✓ What is a function
- ✓ Define a function
- ✓ Call by value and Call by reference
- ✓ Recursive function

String

- ✓ Creating and accessing String
- ✓ Searching & Replacing String
- ✓ Formatting String
- ✓ String Related Library function

Array

- ✓ Anatomy of an Array
- ✓ Creating index based and Associative array
- ✓ Accessing array Element
- ✓ Looping with Index based array
- ✓ Looping with associative array using each() and foreach()
Some useful Library function

Working with file and Directories

- ✓ Understanding file& directory
- ✓ Opening and closing a file
- ✓ Coping ,renaming and deleting a file
- ✓ Working with directories
- ✓ Building a text editor
- ✓ File Uploading & Downloading

Mini Project (With file Handling)

State management

- ✓ Using query string(URL rewriting)
- ✓ Using Hidden field
- ✓ Using cookies
- ✓ Using session

String matching with regular expression

- ✓ What is regular expression
- ✓ Pattern matching in Php
- ✓ Replacing text
- ✓ Splitting a string with a Regular Expression

Generating Images with PHP

- ✓ Basics of computer Graphics
- ✓ Creating Image
- ✓ Manipulating Image
- ✓ Using text in Image

Database Connectivity with MySql

- ✓ Introduction to RDBMS
- ✓ Connection with MySql Database
- ✓ Performing basic database operation(DML) (Insert, Delete, Update, Select)
- ✓ Setting query parameter
- ✓ Executing query
- ✓ Join (Cross joins, Inner joins, Outer Joins, Self joins.)

Mini Project

Web Designing

HTML

- ✓ Introduction to HTML
- ✓ HTML Tags
- ✓ Creating Forms
- ✓ Creating tables
- ✓ Managing home page

CSS

- ✓ Introduction to CSS
- ✓ Three ways to use CSS
- ✓ CSS Properties
- ✓ Designing website
- ✓ Working with Templates

Java Script

- ✓ Introduction to Javascript
- ✓ Three ways to use Javascript
- ✓ Working with events
- ✓ Client-side Validation

JQuery

- ✓ Introduction to JQuery
- ✓ Validation using JQuery
- ✓ JQuery Forms
- ✓ JQuery Examples

AJAX

- ✓ Introduction to AJAX
- ✓ PHP with AJAX
- ✓ Working with database

Mini Project

Advance PHP

Introduction to OOPS

- ✓ Introduction
- ✓ Objects
- ✓ Declaring a class
- ✓ The new keyword and constructor
- ✓ Destructor
- ✓ Access method and properties using \$this variable
- ✓ Public ,private, protected properties and methods
- ✓ Static properties and method
- ✓ Class constant
- ✓ Inheritance & code reusability
- ✓ Polymorphism
- ✓ Parent:: & self:: keyword
- ✓ Instanceof operator
- ✓ Abstract method and class
- ✓ Interface
- ✓ Final

Exception Handling

- ✓ Understanding Exception and error
- ✓ Try, catch, throw

Framework- Cake 3 PHP

Introduction to CakePHP

- ✓ Understanding the MVC Pattern Models
- ✓ How MVC works?
- ✓ Configuration CakePHP
- ✓ Setting up CakePHP with apache Environment eg. Enable mod_rewrite
- ✓ Configuration CakePHP to work with database
- ✓ Running Cake for the first time
- ✓ Cake Convention: Naming convention for MVC and database tables

Models: Creating up model for a database table

- ✓ Fetching data
- ✓ Saving and updating data
- ✓ Deleting data
- ✓ User defined function in model
- ✓ Data Validation

Controller: Creating controller

- ✓ Controller function
- ✓ Interacting with model
- ✓ Interacting with views
- ✓ Controller variables and parameters
- ✓ Redirection
- ✓ Getting post data

Views: Creating Views

- ✓ Working with configuration layout
- ✓ Creating custom layout
- ✓ Element and helpers

Cake session:

- ✓ Storing data in cake session
- ✓ Reading a session data
- ✓ Delete data from session

CMS- Wordpress

WordPress Introduction

- ✓ Understanding and Using domain names
- ✓ WordPress Hosting Options
- ✓ Installing WordPress on a Dedicated Server
- ✓ Understanding Directory Permissions

Basics of the WordPress User Interface

- ✓ Understanding the WordPress Dashboard
- ✓ Pages, Tags, Media and Content Administration
- ✓ Core WordPress Settings

Finding and Using WordPress Plugins

- ✓ Finding and Installing Plugins Quickly and Easily
- ✓ Upgrading WordPress Plugins ✓ Recommended WordPress Plugins

Working with WordPress Themes

- ✓ Understanding the Structure of WordPress Themes
- ✓ Finding Themes and Choosing the Right One
- ✓ Installing and Configuring Themes
- ✓ Editing and Customizing Themes
- ✓ Using Theme Frameworks and Parent-Child Themes
- ✓ Theme Best Practices

Working with WordPress Customize

- ✓ How To Covert A customize theme in to wordpress

WordPress Content Management

- ✓ Understanding Posts Versus Pages
- ✓ Organizing Posts with Categories
- ✓ Connecting Posts Together with Tags
- ✓ Custom Post Types and Custom Taxonomies
- ✓ Managing Lists of Links

Creating and Managing Content

- ✓ Hands-On Training on the WordPress Editors
- ✓ Hands-On Training on the New Image Editor

All Frameworks and CMS

Framework

- ✓ CodeIgniter

CMS

- ✓ WordPress
- ✓ Joomla!
- ✓ Drupal
- ✓ Magento (E-commerce)

Note :- Webtrackker is an IT company and have so many projects related to e- commerce portal and cms based. we will provide you real time projects to do work on that.



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