Course Outline

PHP - Environment Setup

- Installing Xampp Server
- Installing and configuring editor
- Trouble shooting installation errors

Php Introduction

- Introduction of PHP
- Benefits of Websites
- About is Static and Dynamic Websites
- Current market trends and PHP career

- PHP Syntax
- Testing PHP program in Server
- PHP variables
- Basic guidelines for defining variables
- Defining constants
- Embedding PHP in html pages
- Data types in PHP

PHP Operators:
- Arithmetic Operators
- Assignment Operators
- Incrementing/Decrementing Operators
- Comparison Operators
- Logical Operators

PHP Conditional Statements
- If Statement
- Else Statement
- Else if Statement
- Switch statement

PHP Loops
- For loops
- While loops
- Do While loops
- Foreach loop

PHP Arrays
- Types of PHP Arrays

- Single Arrays
- Associative Arrays
- Multi-Dimentional arrays
- Implode/explode

PHP Functions

- Buildin array functions
- Straing functions
- PHP user defined functions
- Global keyword

HTML [Hyper text markup languages]

- Basics of HTML
- Working HTML Form elements
- Creating simple form
- Creating Login form
- Creating Registration form
- Introduction of Dreamweaver
- Using Form controls
- Site root creations
- Using HTML form and PHP
- Using HTML, CSS, PHP together

Super global variables

- $_GET
- $_POST
- $_REQUEST
- $_FILES
- $_COOKIE
- $_SESSION
- $_SERVER
- $_ENV

- Creating Login module with PHP and HTML
- Creating Signup module with PHP and HTML

Uploding Files

- Uploaded File
- Saving uploading files in a specific folder

Working with serverside includes

- Include
- Require/require_once
- header function

Introduction of Sessions

- Creating sessions and Session variables
- Reading session variables
- Deleting session variable and Destroying sessions
- Implementing sessions in login module

Working with Cookies

- Creating cookies variables
- Seting time to Cookie
- Retrieving cookie data
- Realtime example on cookies
- Date & Time functions
- Mail function

Using File functions

- Reading and Writing various types of files
- File Modes

- File attributes
- Managing files with file system commands

MYSQL
- Introduction of DBMS
- Introdution of RDBMS, Tables, Records, Fields
- Introdution of SQL Language
- Types of SQL Queries

MYSQL QUERIES
- **DDL Queries**
  - Creating Database
  - Creating Tables
  - Alter
  - Drop
- **DML Queries**
  - Select statement
  - Inserting statement
  - Update statement
  - Delete statement
- **SQL Clauses**
  - Where
  - Order by
  - Group by
  - Primary and foriengkeys
- **Using Operators**
  - Joining Tables
  - Using sub Queries
  - SQL aggregate functions

- o Working with PHP My Admin
- o Backingup database and restoring

PHP MYSQL Live examples

- Creating user login form using Database
- Creating Registration form using Database
- Email & Mobile Confirmations & Authentications

Working with database driven Mini project

- User Registration
- Using Login Authentication
- Search, Insert , Update & Delete Users & Data
- Content management using admin module

Java Script

- Introduction to Java Scripting
- Types of Java Scripts
- Variables, operators
- Decession making statements
- Looping Statements
- Using Objects, Events
- Builtin JavaScripting functions
- User defined Java Scripting functions
- Using JavaScript in Dreamweaver
- Reading form data in javascript
- Linking external .js file

Introduction to JQuery

- jQuery - Basics
- Syntax
- Selectors
- Attributes
- Effects
- Events
- Actions
- Ajax
- CSS
- Creating JQuery Plugin
- form Validations using JQuery

AJAX and HTML5 webform controls

Reatime examples:

- HTML5-JQuery-Ajax-PHP-Mysql User Authentication Module
- Using Bootstrap 4 webpage designing
- And some database driven programs

Additional and Real-time topics

- **Introduction of Frameworks**

All course material in PDF Format

Course Details:

- Course Duration   : 35 Days
- Training   : Online
- Method: : Normal, Fast Track and Weekends Classes

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