

**PHP and MySQL**

Open Source Web Development

**Course Outline:**

**Lesson 1: What is PHP**

* Syntax
* Display message
* Operational Trail

**Lesson 2: How Web Works**

**Lesson 3: Choosing a text-editor**

**Lesson 4: Building Block of PHP**

* + XAMPP download and Installing
  + Document overview
  + Variable
  + Constants
  + String
  + Numbers
  + Arrays
  + Array Function

Coding Exercise

* + If statements
  + Operators
  + For Loop
  + While Loop
  + For-each Loops
  + Switch Statements
  + Branching
  + User Define Functions
  + Re-usability
  + Static Variables
  + Local Variables
  + Global Variables
  + Super Global Variables

**Lesson 5: Super Global Post Variable**

* + Form
  + Form Another Working Example

**Project 1: Regular Expressions**

**Project 2: Form Validation Project**

* + Form Validation Project: Overview
  + Form Validation Project: Adding Constraints
  + Form Validation Project: Finishing PHP
  + Form Validation Project: Working with CSS
  + Sending Email
  + Understanding Email
  + Form Validation Sending Email
  + Dynamic Web Pages Project.

**Project 3: Dynamic Web Pages**

* + URL
  + Links
  + Project: Dynamic Web Pages Project

**Lesson 6: Powerful Super Global Variables**

* Cookie
* Setting Cookie
* Un-Setting Cookie
* Session
* Server

**Lesson 7: DBMS MySQL**

* SELECT Clause
* INSERT Clause
* UPDATE Clause
* DELETE Clause
* WHERE Clause
* AND Clause
* ORDER BY Clause
* Using ALIASES
* Using AGGREGATE Functions

**Project 4: Employee Management Crud**

**Application using MySQL**

* + Form creation
  + Creating Database
  + Inserting Data into Database
  + SQL Injection
  + Inserting Completion
  + View from Database
  + Showing Data on Update Page
  + Updating Data
  + Deleting Record
  + Search from database

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**Go Beyond Learning**