

Web Development Training Programme

- WHY PHP AND MYSQL?
 - What Is PHP?
 - What Is MySQL?
 - The History of PHP
 - The History of MySQL

- INSTALLING PHP, APACHE AND MYSQL
 - Obtaining WAMP OR XAMPP Server
 - Installing WAMP OR XAMPP
 - Starting and Stopping WAMP OR XAMPP
 - Troubleshooting
 - Obtaining MySQL Server
 - Installing MySQL
 - Configuring MySQL
 - Starting and Stopping the MySQL Server
 - Troubleshooting MySQL
 - Install MySQL GUI Tools

- PHP SYNTAX
 - Comments in PHP
 - PHP Case Sensitivity
 - PHP Variables
 - Echo and Print Statements

- PHP CONTROLS, FUNCTIONS, AND FORMS
 - Making Decisions (Statements)
 - Repeating Program Steps (Loops)
 - Learning about Scope (regular globals, PHP predefined superglobals. Such as \$_GET, \$_POST)
 - Reusing Code with Functions
 - Creating Forms

- DEBUGGING CODE
 - Troubleshooting Techniques
 - Display Errors while Developing
 - Common Issues

- WORKING WITH COMPLEX DATA
 - Working with Arrays
 - Working with Logical Variables
 - Working with Constants
 - Working with Dates
 - Time Zone Functions
 - Date/Time Functions
 - Working with Built-in Functions

- OBJECTS AND CLASSES
 - Understanding the Reasons for Using OOP
 - Introducing OOP Concepts
 - Defining Class Variables (Properties)
 - Defining Class Functions (Methods)
 - Instantiating the Class
 - Using Objects

- HANDLING ERRORS
 - Testing for Errors
 - Using Try/Catch
 - Understanding Common Threats
 - Using Proper Coding Techniques

- CREATING AND CONNECTING TO THE DATABASE
 - What Is a Database?
 - Gathering Information to Define Your Database
 - Designing Your Tables
 - Setting up Relationships between Tables
 - Connecting with mysql/mysqli
 - Understanding the INSERT Command
 - Executing MySQL Commands in PHP
 - Processing Data Entry Forms in PHP
 - Using the SELECT Command
 - Using WHERE Clause
 - Using the JOIN Clause
 - Using the UPDATE Command
 - Using the DELETE Command