

## WEB DESIGNING

### TRAINING COURSE CONTENT

#### HTML

##### 1. INTRODUCTION TO HTML

- ❖ What is HTML?
- ❖ Basic HTML Document
- ❖ HTML Tags
- ❖ HTML Document Structure
- ❖ The <!DOCTYPE> Declaration

##### 2. HTML – BASIC TAGS

- ❖ Heading Tag
- ❖ Paragraph Tag
- ❖ Line Break Tag
- ❖ Center Tag
- ❖ Horizontal Lines
- ❖ Preserve Formatting
- ❖ Nonbreaking Spaces

##### 3. HTML ELEMENTS

- ❖ HTML Tag vs. Element
- ❖ Nested HTML Element
- ❖ Examples

##### 4. HTML ATTRIBUTES

- ❖ The lang Attribute
- ❖ The title Attribute
- ❖ The href Attribute
- ❖ Size Attributes
- ❖ The alt Attribute

##### 5. HTML – FORMATTING

- ❖ Bold Text
- ❖ Underlined Text
- ❖ Italic Text

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- ❖ Strike Text
- ❖ Monospaced Font
- ❖ Superscript Text
- ❖ Subscript Text
- ❖ Inserted Text
- ❖ Deleted Text
- ❖ Larger Text
- ❖ Smaller Text
- ❖ Grouping Content
- ❖ Examples

## 6. HTML - PHRASE TAGS

- ❖ Emphasized Text
- ❖ Marked Text
- ❖ Strong Text
- ❖ Text Abbreviation
- ❖ Text Direction
- ❖ Special Terms
- ❖ Short Quotations
- ❖ Computer Code
- ❖ Address Text
- ❖ Examples

## 7. HTML – META TAGS

- ❖ Introduction to Meta Tags
- ❖ Specifying Keywords
- ❖ Document Description
- ❖ Document Revision Date
- ❖ Document Refreshing
- ❖ Page Redirection
- ❖ Setting Author Name
- ❖ Examples

## 8. HTML – COMMENTS

- ❖ Giving Comments in HTML
- ❖ Valid vs Invalid Comments
- ❖ Multiline Comments

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## 9. HTML – IMAGES

- ❖ Inserting Image
- ❖ Set Image Location
- ❖ Set Image Width/Height
- ❖ Set Image Border
- ❖ Set Image Alignment
- ❖ Examples

## 10. HTML – TABLES

- ❖ Using Tables in HTML
- ❖ Table Heading
- ❖ Cellpadding and Cellspacing Attributes
- ❖ Colspan and Rowspan Attributes
- ❖ Tables Backgrounds
- ❖ Table Height and Width
- ❖ Table Caption
- ❖ Table Header, Body, and Footer
- ❖ Nested Tables
- ❖ Examples

## 11. HTML – LISTS

- ❖ HTML Unordered Lists
  - The type Attribute
- ❖ HTML Ordered Lists
  - The type Attribute
  - The start Attribute
- ❖ HTML Definition Lists
- ❖ Examples

## 12. HTML – TEXT LINKS

- ❖ Linking Documents
  - The target Attribute
- ❖ Use of Base Path
- ❖ Linking to a Page Section
- ❖ Setting Link Colors
- ❖ Download Links
- ❖ Examples

## 13. HTML – IMAGE LINKS

- ❖ Giving a link to any Image
- ❖ Examples

## 14. HTML – E-MAIL LINKS

- ❖ HTML Email Tag
- ❖ Default Settings
- ❖ Examples

## 15. HTML – FRAMES

- ❖ What are Frames?
- ❖ Disadvantages of Frames
- ❖ Creating Frames
- ❖ The <frameset> Tag Attributes
- ❖ The <frame> Tag Attributes
- ❖ Frame's name and target attributes
- ❖ Sending Plain Text E-Mail in PHP
- ❖ Different Parameters of E-Mail in PHP
- ❖ Examples

## 16. HTML – IFRAMES

- ❖ Creating an HTML Inline Frame
- ❖ The <iframe> Tag Attributes
- ❖ Examples

## 17. HTML – BLOCKS

- ❖ Block Elements
- ❖ Inline Elements
- ❖ Grouping HTML Elements
  - The <div> tag
  - The <span> tag
- ❖ Examples

## 18. HTML – BACKGROUNDS

- ❖ Html Background with Colors
- ❖ Html Background with Images
- ❖ Patterned & Transparent Backgrounds
- ❖ Examples

## 19. HTML – COLORS

- ❖ Introduction to Colors In HTML
- ❖ HTML Color Coding Methods
- ❖ HTML Colors - Color Names
- ❖ HTML Colors - Hex Codes
- ❖ HTML Colors - RGB Values
- ❖ Examples

## 20. HTML – FONTS

- ❖ Set Font Size
- ❖ Relative Font Size
- ❖ Setting Font Face
- ❖ Specify alternate font faces
- ❖ Setting Font Color
- ❖ The <basefont> Element
- ❖ Examples

## 21. HTML – FORMS

- ❖ Form Attributes
- ❖ HTML Form Controls
  - Text Input Controls
    - Single-line text input Controls & Attributes
    - Password Input Controls & Attributes
    - Multiple-Line Text Input Controls & Attributes
- ❖ Checkbox Control & Attributes
- ❖ Radio Button Control & Attributes
- ❖ Select Box Control & Attributes
- ❖ File Upload Box & Attributes
- ❖ Hidden Form Controls

## 22. HTML – EMBED MULTIMEDIA

- ❖ Embedding Multimedia Files in HTML Page
- ❖ The <embed> Tag Attributes
- ❖ Supported Video Types
- ❖ Background Audio
- ❖ Examples

## 23. HTML – MARQUEES

- ❖ What are Marquees?
- ❖ The <marquee> Tag Attributes
- ❖ Examples

## PHP

### 1. INTRODUCTION TO PHP

- ❖ What is PHP
- ❖ Uses of PHP
- ❖ Characteristics Of PHP
- ❖ Hello World - Example

### 2. Environment Setup

- ❖ Installing XAMP
- ❖ How to Use XAMP
- ❖ Running PHP Script On XAMP Server

### 3. SYNTAX OVERVIEW

- ❖ Different Syntax in PHP
- ❖ Commenting PHP Code
- ❖ Different properties in Syntax

### 4. TYPES OF VARIABLES

- ❖ Understanding Different Types Of Variables Used In PHP
- ❖ Variable Naming
- ❖ PHP-Variables
- ❖ PHP Local Variables
- ❖ PHP Function Parameters
- ❖ PHP Global Variables
- ❖ PHP Static Variables
- ❖ Examples

### 5. CONSTANTS

- ❖ Introduction to constants
- ❖ Valid & Invalid Constants
- ❖ PHP Magic Constants

## 6. OPERATORS IN PHP

- ❖ Introduction to Operators in PHP
- ❖ Arithmetic Operators
- ❖ Comparison Operators
- ❖ Logical Operators
- ❖ Assignment Operators
- ❖ Conditional Operators
- ❖ Examples

## 7. DECISION MAKING

- ❖ Introduction to Decision Making in PHP
- ❖ The If...Else Statement
- ❖ The Elself Statement
- ❖ The Switch Statement
- ❖ Examples

## 8. TYPES OF LOOP IN PHP

- ❖ What is looping?
- ❖ The for loop statement
- ❖ The while loop statement
- ❖ The do...while loop statement
- ❖ The for-each loop statement The break statement
- ❖ The continue statement
- ❖ Examples

## 9. ARRAYS

- ❖ What are Arrays?
- ❖ Numeric Array
- ❖ Associative Arrays
- ❖ Multidimensional Arrays
- ❖ Examples

## 10. WEB CONCEPTS

- ❖ Using HTML Forms in PHP
- ❖ Examples



## 11. GET & POST METHOD

- ❖ The GET Method
- ❖ The POST Method
- ❖ The \$\_REQUEST variable
- ❖ Examples

## 12. FILE INCLUSION

- ❖ Introduction to File Inclusion
- ❖ The include() Function
- ❖ The require() Function
- ❖ Examples

## 13. FILES & I/O

- ❖ Opening and Closing Files
- ❖ Reading a file
- ❖ Writing a file
- ❖ Examples

## 14. FUNCTIONS

- ❖ Creating PHP Function
- ❖ PHP Functions with Parameters
- ❖ Passing Arguments by Reference
- ❖ PHP Functions returning value
- ❖ Examples

## 15. E-Mails In PHP

- ❖ Configuring Mail In PHP
- ❖ Sending Plain Text E-Mail in PHP
- ❖ Different Parameters of E-Mail in PHP
- ❖ Examples

## 16. FILE UPLOADING

- ❖ Creating an Upload Form
- ❖ Creating an Upload Script
- ❖ Examples

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## 17. PHP FORM HANDLING

- ❖ Creating Simple HTML Form
- ❖ Creating a Complete PHP Form with Validation & Required Fields
- ❖ Examples

## 18. PHP LOGIN

- ❖ Creating Simple PHP Login Form
- ❖ Creating PHP MYSQL Login Form
- ❖ Examples

## 19. PHP & MYSQL

- ❖ Connecting to MySQL database
  - Opening Database Connection.
  - Closing Database Connection.
  - Examples
- ❖ Creating MySQL Database
  - Creating a Database
  - Selecting Database
  - Creating Tables in Database
  - Examples
- ❖ Deleting MySQL Database
  - Deleting a Database
  - Deleting a Table
  - Examples
- ❖ Inserting Data to Database
- ❖ Retrieving Data From Database
- ❖ Updating Data into MySQL Database
- ❖ Deleting Data from MySQL Database
- ❖ Examples

## 20. PHP – DATE & TIME

- ❖ Getting the Time Stamp with time()
- ❖ Converting a Time Stamp with date()
- ❖ Examples



## 21. WEBSITE HOSTING

- ❖ Registering & Choosing your Domain Name
- ❖ Registering & Choosing your Website Hosting

## 22. USING FTP CLIENT FILEZILLA

- ❖ Preparing to Publish your Website
- ❖ Folder Structure
- ❖ Connecting Through Filezilla
- ❖ Uploading Files

# THANK YOU!!!!

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