

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 – COMMENTS

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

8. HTML – IMAGES

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

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9. 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

10. HTML – LISTS

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

11. HTML – BACKGROUNDS

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

12. HTML – COLORS

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



13. HTML – FONTS

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

14. 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

15. HTML – MARQUEES

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

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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
- ❖ Examples

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

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12. PHP FORM HANDLING

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

13. 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

14. WEBSITE HOSTING

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

15. USING FTP CLIENT FILEZILLA

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