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PHP COURSE CONTENT

Key Concepts:

- ❖ HTML, HTML-5
- ❖ CSS
- ❖ JavaScript
- ❖ PHP
- ❖ MYSQL
- ❖ Projects

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Topics Covered:

HTML (Hypertext Markup Language)

• **Introduction to HTML**

• **Basic structure of HTML**

• **Formatting tags in HTML**

• **Attributes**

• **Working with Table Tags**

• **The Anchor Tag, Frames, The Frameset tag , The Frame Tag,**

• **Tables Table with Border and Heading Attribute**

• **Lists Ordered / Unordered / Nested List**

• **Forms, Input Text Fields**

• **Radio Buttons , Check boxes**

• **The Form's Action Attribute and the Submit Button**

• **Simple drop down box, Text area**

• **Create a button, Field set around data, Text Fields, Images**

CSS

• **External Style sheet & Internal Style sheet**

• **About CSS, About Syntax, Grouping**

• **To have image as background and Captions, Styles in HTML**

PHP SCRIPT

• **Introduction to PHP Script**

• **Looping statement in PHP Script**

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- Working with Predefined functions

- Maintaining Validations in PHP Script

- Working with Different types of Mouse Events

- Miscellaneous

PHP

- PHP's role in the WWW

- Language fundamentals

- PHP Basics

- Variable rules

- Storing & retrieving information in variables

- Decision making in PHP

- Comparison operators

- The if construct

- The while construct

- The for construct

- Working with arrays

- Functions

- Declaring functions

- Passing data by reference

- Variable scope in PHP

- Working with web forms

- PHP POST & GET form elements

- Embedding forms with PHP code

- Validating form data

- Guidelines for secure PHP

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- **Understanding magic quotes**

- **Setting default values in forms**

- **Processing uploaded files**

- **Retrieving uploaded files**

- **PHP session handling**

- **PHP cookie handling**

- **Handling date & time**

- **Working with files in PHP**

- **Handling errors**

MySQL

- **A brief history of databases**

- **Relational database concepts**

- **Database tables**

- **MySQL Data types**

- **Introduction to PHP Myadmin**

- **Creating and Checking Tables**

- **Auto increment and Primary Keys**

- **Inserting Values into Tables**

Java Script

- **Introduction to programming concepts**

- **Introduction to Java Script**

- **Data types**

- **Displaying Errors**

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- **Operators**

- **Arrays**

- **Decisions**

- **Loops**

- **Functions**

- **Objects**

- **Browser object model**

Putting it all into practice – Lab project