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## Training: Web Development with PHP (Core)

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### HTML Programming Basics

- a. Introduction to Web Page Designing
- b. Working with HTML Text
- c. Working with HTML Lists
- d. Designing HTML Tables
- e. Working with Forms

### PHP Basics

- a. Getting Started with PHP
- b. Building Blocks of PHP

### Controlling Program Flow

- a. Switching Flow
- b. Looping Statement
- c. Breaking the Normal Looping Flow
- d. Working with Some Advance Program Flow Statement

### Working with Functions and Arrays

- a. Working with Functions
- b. Working with Arrays

### Processing Web Forms

- a. Submitting a Form to PHP
- b. Processing a Form with PHP
- c. Performing Form Validations
- d. Using Magic Quotes

### Working with Strings

- a. Understanding the Anatomy of a String
- b. Formatting Strings
- c. Discussing Some More String Functions

### Object-Oriented Programming in PHP

- a. Why Objects?
- b. Creating Basic Classes
- c. Advanced Classes
- d. Special Methods
- e. Class Autoloading
- f. Object Serialization
- g. Exceptions

- h. Iterators

### Accessing Files and Cookies

- a. Working with Files and Directories
- b. Working with Directories
- c. Saving Form Data

### Manipulating MySQL Data with PHP

- a. Database Management in PHP – Overview
- b. Setting Up the Database
- c. Inserting Information
- d. Displaying Data
- e. Updating and Deleting

### Making Your Job Easier with PEAR

- a. An Overview of PEAR
- b. Getting and Installing PEAR
- c. Using the PEAR Package Manager
- d. Using the PEAR Website
- e. Using PEAR Packages in Applications

### Maintaining Security

- a. Why Need Security?
- b. Configuring PHP Securely
- c. Hiding Configuration Details
- d. Hiding Sensitive Data
- e. Sanitizing and Validating User Input
- f. Data Encryption

### Generating Images with PHP

- a. Introduction
- b. Basics of Computer Graphics
- c. Creating Images
- d. Manipulating Images
- e. Using Text in Images