

750 – Introduction to PHP

Hypertext Preprocessor (PHP): A Web Server-Side Technology

Client-Side vs. Server-Side Web Technologies

The Web's Client-Server Relationship

Which Web Servers Support PHP?

Writing PHP Pages

PHP Code In An HTML Context

PHP Statements

Enclosing Scripting Code within your PHP Pages

Strings in PHP

Developing PHPs in This Class

An Example: "Hello World"

Conditional Constructs with "if"

Comparison Operators in PHP

The Logical AND (&&) and OR (||)

Exercise 1: Adding a Greeting and Date and Time Stamps to a Page

Processing Data from Online Forms

The <FORM> Tag and Its Attributes

Scalar Variables in PHP

Demonstration: Displaying a Customized Greeting

Combining the Form and Its Processing Code In One PHP File

Exercise 2: Personalizing the Homepage for WLDC

Working with Cookies

Setting a Cookie

Retrieving a Cookie

Example: Setting, Retrieving, and Expiring a Cookie

Exercise 3: Enhance the WLDC Home Page With Cookies

Maintaining State with Sessions

Sessions

Storing and Retrieving Session Values

Example: Using the Session Object to Track a Shopping Cart

Exercise 4: Building a Shopping Cart for WLDC

Email with PHP

Sending E-mail PHP

Exercise 5: Implementing CDONTS E-mail at WLDC

Writing To A Text File

Example: Writing to a Tab-Delimited File

Example: Reading from a tab-delimited text file

Exercise 6: Storing Registrations in a Tab-Delimited Text File

Loop Structures

For Loops

Foreach Loops

While Loops

Database Integration with PHP

The Databases Used in this Class

Issuing Database Commands with SQL

Example: Selecting and Viewing Data From guestbook.mdb

Connecting and Issuing Commands to the Database

Displaying Database Results

Exercise 7: Building a Search Engine Interface

Working with Meta Information from a Database

Object-Oriented PHP

Exercise 8: Enhancing the Search Form

Exercise 9: Enhance the Registration Form to Insert a New Client

Development Strategy Session: Building an Interface for Updating Client Records

Exercise 10: Building an Interface for Updating Client Records

User-Defined Functions in PHP

Functions

Exercise 11: Using Functions to Validate Form Submissions

Regular Expressions

Character Types and Ranges

Quantity Indicators

Location Indicators

Regular Expressions in PHP

Exercise 12: Validating Form Data with Regular Expressions

Drilling Down and the Query String

Building the Query String into a Link

Generating Drill Down Links Dynamically

Exercise 13: Drilling Down Client Data

Installing PHP

Installing MySQL