



KIDS & TEENS FREELANCING TRAINING INSTITUTE

PHP Training Course Outline

Module 1: Introduction to PHP

- What is PHP and how it powers websites
 - Real-life example: A waiter taking your order and serving food (server-side scripting)
 - How PHP interacts with HTML to create dynamic content
 - Installing and setting up a local server for PHP (XAMPP or WAMP)
 - Activity: Write a basic "Hello, World!" PHP script
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Module 2: PHP Variables, Data Types & Operators

- Understanding variables and data types in PHP
 - Real-life example: Storing information in different containers (string, integer, array)
 - Using operators to perform calculations
 - Activity: Create a PHP script that performs basic arithmetic operations
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Module 3: Control Structures – Conditions & Loops

- How to use if-else statements for decision-making
 - Real-life example: Deciding what to wear based on the weather (conditions)
 - Using loops to repeat tasks (for, while, do-while)
 - Activity: Create a PHP script that checks a user's age and displays a message
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Module 4: Functions and Arrays

- What are functions and why they help in PHP
- Real-life example: A recipe with steps (functions)

- Understanding and using arrays to store multiple values
 - Activity: Write a function that calculates the average of numbers in an array
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Module 5: Working with Forms and User Input

- How to process form data with PHP
 - Real-life example: Filling out a survey and getting results (form handling)
 - Using the `$_GET` and `$_POST` methods to collect input
 - Activity: Build a simple feedback form and process the data with PHP
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Module 6: PHP and MySQL – Connecting to Databases

- Introduction to MySQL and why databases are important
 - Real-life example: A library keeping track of books (database)
 - How to connect PHP to a MySQL database and retrieve data
 - Activity: Create a PHP script to display data from a database
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Module 7: Sessions, Cookies & Authentication

- What are sessions and cookies and how they store user information
 - Real-life example: Logging into a website and keeping track of your session
 - Implementing user login systems with PHP
 - Activity: Build a simple login page with session handling
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Module 8: Final Project – Create a Simple PHP Web App

- Plan and build a small dynamic web application using PHP
 - Use forms, functions, arrays, and MySQL for dynamic content
 - Test and debug your application
 - Activity: Present your web app to others, explaining the PHP code used
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Bonus Materials

- PHP cheat sheet (with functions, operators, and syntax)

- SQL and MySQL beginner's guide for PHP
- Link to PHP community forums for learning and support
- Sample projects for practice (login system, contact form, etc.)
- Certificate of Completion for PHP Basics