Introduction to PHP: A Beginner's Course

Welcome to the "Introduction to PHP" course! This course is designed for beginners who want to learn the basics of PHP, a popular server-side scripting language used for web development. By the end of this course, you will be able to create dynamic web pages and understand the fundamentals of PHP programming.

Course Outline

Module 1: Introduction to PHP

- **What is PHP?**
  - History and evolution
  - Key features and benefits
- **Setting Up the Environment**
  - Installing PHP
  - Setting up a local server (XAMPP/WAMP/MAMP)
  - Your first PHP script

Module 2: PHP Basics

- **Syntax and Variables**
  - Basic syntax
  - Variables and data types
- **Operators and Expressions**
  - Arithmetic operators
  - Comparison operators
  - Logical operators

Module 3: Control Structures

- **Conditional Statements**
  - if, else, elseif
  - switch statement
- **Loops**
  - while loop
  - for loop
  - foreach loop

Module 4: Functions

- **Defining and Calling Functions**
    - Function syntax
    - Parameters and return values
- **Built-in PHP Functions**
    - String functions
    - Array functions
    - Date and time functions