ONE PAGE SUMMARY

IT & Software › Programming Foundations › PHP

Introduction to PHP

Unlock the power of web development with PHP!

DEFINITION

> PHP is a server-side scripting language designed for web development. It allows developers to create dynamic web pages and applications efficiently.

KEY CONCEPTS

Syntax Basics

PHP code is embedded within HTML and is executed on the server before the page is sent to the client.

Variables

Variables in PHP are used to store data and are prefixed with a dollar sign ($) to differentiate them.

Control Structures

PHP uses control structures like if statements and loops to manage the flow of the program.

Functions

Functions in PHP are reusable blocks of code that perform specific tasks and can be called multiple times.

Form Handling

PHP can process form data submitted by users, allowing for interactive web applications.

EXAMPLES

→ $name = 'John';

→ if ($age > 18) { echo 'Adult'; }

→ function greet() { return 'Hello!'; }

MEMORY TIPS

★ Remember 'PHP' as 'Personal Home Page' to link it to web development.

★ Think of '$' as a treasure chest for storing your data.

★ Use the acronym 'VFC' for Variables, Functions, Control structures to recall key concepts.

COMMON MISTAKES

✗ Forgetting to end statements with a semicolon.

✗ Not using the correct variable prefix ($).

✗ Confusing single quotes and double quotes in strings.

QUICK RECAP

PHP is a powerful scripting language for creating dynamic web content. Focus on understanding syntax, variables, and functions for effective programming.