PHP Fundamentals

INTRODUCTION

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Intended Audience

History of PHP

1994

Rasmus Lerdorf

Comment Gateway Interface

Written in C

PHP Tools 1.0

June, 1995 official release of PHP Tools version 1.0

Logging Access
Password Protection
Create/Display Forms

PHP/FI 2.0

April 1996, PHP/FI 2.0
was released

Conditional statements

Access to databases

First time the term
scripting language was used

PHP 3.0

June 6, 1998

Volunteers

Zeev Suraski
Andi Gutmans

Rewrite of the underlying parsing engine

Support for all major operating systems

Supported more databases

Renaming of PHP

Personal

Home

Page

PHP

Hypertext

Preprocessor

Recursive Acronym/Backronym

Later Versions

PHP 4.0
- May 22, 2000
- New Zend Engine

Minor releases

PHP 5.0
- July 2004
- Zend Engine 2.0
- PHP 5.5 supported 64-bit builds

PHP 6
- Official version skipped

PHP 7
- PHP 7.0.1

What's Possible?

Server-side scripting (creating web sites)

Command line scripting

Example PHP program

- Simple script
- Simple web script

```php
<?php
$message = "Hello World!";
echo $message;
?>
```

Output
Hello World!

Simple Web Script

```php
<?php
$message = "Hello World!";
$title = "HTML Sample";
?>

<!DOCTYPE html>
<html>
    <head>
        <title>PHP Fundamentals - <?=$title?></title>
    </head>
    <body>
        <h1><?php echo $message ?></h1>
    </body>
</html>
```

Reserved Keywords and Variables

if, else, while, and, or, return, new, class, switch, break, for, foreach, static, public

require, require_once, include, include_once, extends, continue, print, echo, var

endfor, endif, endforeach, endswitch, endwhile

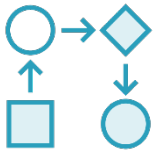$_GET, $_POST, $_COOKIE, $_SERVER, $_FILES, $_ENV, $this,

What will you learn?

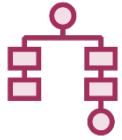# Course Outline

General Types

Functions

Strings

Arrays

Course Outline

Classes & Objects

Operators & Control Structures

Databases

Web Programming