



Welcome to

Web Programming using PHP workshop

CS Outreach, UT Dallas

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SESSION PLAN

Session 1 : 10.00 AM – 11.30 AM

Break : 11.30 AM – 11.40 AM

Session 2 : 11.30 AM – 12.45 PM

Lunch : 12.45 PM – 01.30 PM

Session 3 : 01.30 PM – 03.30 PM

Break : 03.30 PM – 03.45 PM

Session 4 : 03.45 PM – 05.00 PM

What PHP can do?

Data types, Arrays

Functions

String Manipulations

Files and Directories

Web Form Handling & Data Validation

Sessions and User Tracking

Database connection with MySql

SMTP Integration

Case Study



Getting Started

WAMP for Windows

<http://www.wampserver.com/en/#download-wrapper>

MAMP for Mac

<http://www.mamp.info/en/downloads/index.html>

Get Presentation/Code from

<http://bit.ly/18dVrCy>



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What is PHP?

- **Stands for “Hypertext Preprocessor”**
- **PHP is an HTML-embedded scripting language**
- **Easy, Simple, Stylish, Fast and Open source**
- **Syntax borrowed from C, Java, Perl, PHP specs**
- **Consists of 3 modules: Core PHP, Zend Engine and Extension Layer**
- **Facebook, Google, Wordpress, Daily Motion ...
Over a million domains**



What PHP can do?

- Allow web developers to write dynamic web pages
- Customized user experience based on info gathered
- Ex: Creation of shopping carts for e-commerce
- Text Processing, Email, File Handling, Functions ...
- Used on all major OSs and supports major web servers



Fundamentals

- php is embedded in html pages within `<?php ... ?>` tags
- Each line is terminated with a `;`
- Every PHP file has a `.php` extension
- When a `.php` page is requested in the url, the web server (like Apache) interprets php files and returns html content dynamically

Hello World!

Create a file **hello.php** in your **www** folder

Windows: c://wamp/www

MAC: /Applications/MAMP/htdocs

Save it with the following code:

```
<html> <head> <title>Hello World</title> </head>
```

```
<body><?php echo "Hello World" ?> </body>
```

```
</html>
```

Run as url- <http://localhost/hello.php> on your browser

Questions ???

