

# Diploma in Web Development – Part II



## PHP Development – Week 2 Cookies & PHP Sessions

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## Object-Oriented PHP

- Introduction to PHP
- PHP Class Overview
- Magic Methods
  
- Summary
- Q&A





# Today's Lesson

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## Cookies & PHP Sessions

- What is a Cookie?
- Creating PHP Sessions
- PHP Session Demo
  
- Summary
- Q&A

AGENDA





# Let's Begin!

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# What is a Cookie?

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## Cookies





## Cookie

is a piece of data sent from a web application that is stored on the client's web browser





# What is a Cookie?

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- Allow information to be “remembered” across multiple web pages
- Cookies are stored in the user’s browser
- Sent with every HTTP request





# What is a Cookie?

## Why Use Cookies?

- Originally developed to remember “stateful” information
  - (Internet Protocols are by default stateless)
- E.G.
  - Shopping Cart data
  - Remember already visited pages
  - Much more





# What is a Cookie?

## Why Use Cookies?

- Cookies can be used for **user authentication**
  - Can create a “stateful” web application from a stateless internet
- Data tracking for advertising
- User settings





# What is a Cookie?

## Makeup of a Cookie

### Contains:

- Name
  - cookie's name (much like a variable name)
- Value
  - cookie's value (much like a variable value)
- Attributes
  - meta information about the cookie
  - Domain, Path, Expires, Secure, HTTP Only





# What is a Cookie?

## Creating a Cookie in PHP

```
setcookie($name, $value, $expire, $path, $domain, $secure, $httponly);
```

Name of Cookie (string)





# What is a Cookie?

## Creating a Cookie in PHP

Value of Cookie (string)  
Default = ""



```
setcookie($name, $value, $expire, $path, $domain, $secure, $httponly);
```





# What is a Cookie?

## Creating a Cookie in PHP

```
setcookie($name, $value, $expire, $path, $domain, $secure, $httponly);
```

**Expiry Date (int)**  
Default = 0





# What is a Cookie?

## Creating a Cookie in PHP

Available in Paths (string)  
Default = ""



```
setcookie($name, $value, $expire, $path, $domain, $secure, $httponly);
```





# What is a Cookie?

## Creating a Cookie in PHP

```
setcookie($name, $value, $expire, $path, $domain, $secure, $httponly);
```

**Available in Domain (string)**  
Default = ""





# What is a Cookie?

## Creating a Cookie in PHP

Requires encrypted (bool)  
Default = FALSE

```
setcookie($name, $value, $expire, $path, $domain, $secure, $httponly);
```





# What is a Cookie?

## Creating a Cookie in PHP

```
setcookie($name, $value, $expire, $path, $domain, $secure, $httponly);
```

**Only accessible by HTTP Request (bool)**  
Default = FALSE





## PHP Session





## PHP Session

is a method of storing stateful information in the form of PHP variables to be used across multiple web pages

(Sounds like a cookie...)





# Creating PHP Sessions

## Sessions

- Session variables are stored on the *server!*
- End by default when a user closes browser
- Recalls user with cookies by default
  - GET variables are backup option (less secure)





# Creating PHP Sessions

## Sessions

- Start/Retrieve with “session\_start()” function
- Access session variables through global “\$\_SESSION[]”





# Creating PHP Sessions

## Session Example:

```
session_start();  
  
$_SESSION["mySessionVar"] = "Hello";
```

On a different web page:

```
session_start();  
  
echo $_SESSION["mySessionVar"];
```





## Session Demo





## PHP Development Semester

➤ The next session is “Error Handling & Advanced Development”

- Member Visibility
- Abstract Classes & Interfaces
- Error Handling in PHP



➤ Recordings are available within 24 hours after the live webinar

➤ Go to [www.shawacademy.com](http://www.shawacademy.com) and then the Top Right Corner – **Members Area**





Next Lesson is

## Error Handling & Advanced Development

- Learn advanced processes used in building encapsulated, self-monitoring classes & applications
- You will understand the value of **managing member visibility** & the purpose of **custom error handling**



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