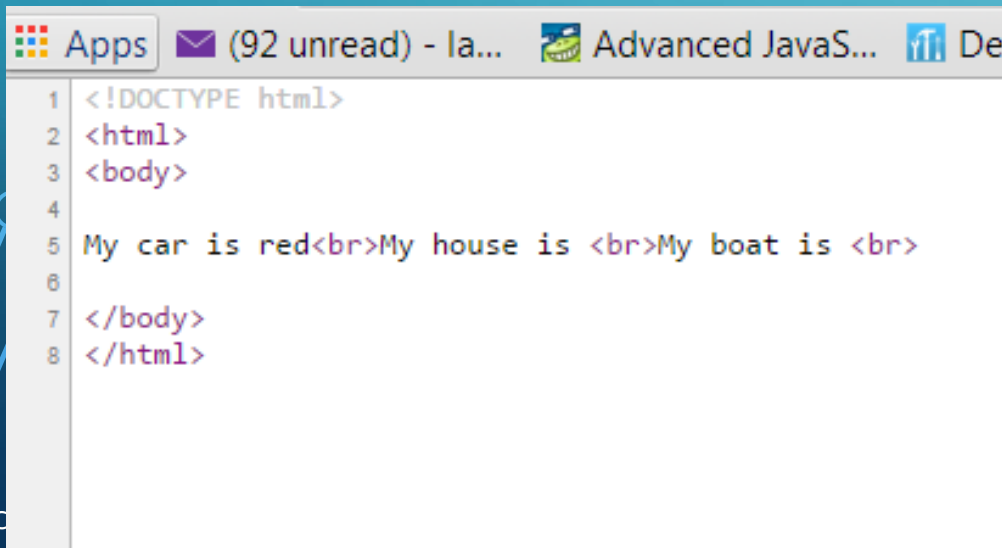# WEEK 7

INTRODUCTION TO PHP

STUDENT OBJECTIVES

- Upon completion of this video, you should be able to:

  - Understand the purpose of PHP

  - Identify the difference between where an HTML file runs compared to where a PHP file runs.

  - Put PHP code in amongst HTML code

  - Create a PHP variable

  - Use PHP code to display data and HTML tags in a webpage.

PHP

- PHP runs on the server machine (where the webpage originates and the database resides)

- Any PHP code runs before the webpage is displayed to the user

- As soon as the page is displayed (finished loading), you can no longer run any of the initial PHP code.

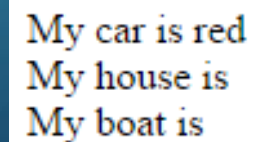- Can only use PHP if you have Apache running (or a web server running)

MORE ON PHP

- The PHP code runs on the server and doesn't show in the served up webpage when it arrives at the client.

- Name the file with the extension .php

- Surround parts to be processed with <?php and ?>

- Variables start with $ and are case sensitive

- Example:

```
Apps   ✉ (92 unread) - la...   Advanced JavaS...   De
1  <!DOCTYPE html>
2  <html>
3  <body>
4
5  My car is red<br>My house is <br>My boat is <br>
6
7  </body>
8  </html>
```

```php
<!DOCTYPE html>
<html>
<body>
<?php
$color="red";
echo "My car is " . $color . "<br>";
echo "My house is " . $COLOR . "<br>";
echo "My boat is " . $coLOR . "<br>";
?>
</body>
</html>
```

My car is red
My house is
My boat is

4

MORE ON PHP

- For the workshop, you are going to:

  - In MySQl →Create a simple Vet database with 2 tables:

    - People with pets – a table called *owner*

      - owner table has: ownerid, first name and last name

    - Info about their pets – a table called *pet*

      - pet table has: petid, petname, species, petownerid

  - In a PHP file → connect to a database, select from the owner table, display all the owner data.

  - In a PHP file → list all the owners in radio buttons and a button to "Get that owner's pets"

  - The button will call another .php file that, in a new page, lists all the selected owner's pets.

MORE ON PHP

- Then you will:
  - Let the user add a new pet. The user will select which owner, type a pet name into a textbox, pick the species, let the user press a button to call another PHP file to insert the data

- Finally you will:
  - Learn how to upload a file from the client's machine to the server, virtual machine (we will use an image of a pet)
  - Add a new pet with an image and display the image in the webpage.

ASSIGNMENT 3

- Then you will have all the skills you need to do assignment 3.

REVIEW – SOME EXTRA VIDEOS IF YOU WANT MORE INFO

- http://www.youtube.com/watch?v=5sQ4scQz0qY&list=UUuZiNqgNdWbtEg29tMLVaNg&index=228

- http://www.youtube.com/watch?v=rDomdK2rxP8

- https://www.youtube.com/watch?v=7TF00hJI78Y

WORKSHOP:

- http://www.csd.uwo.ca/~lreid/blendedcs3319/workshops/MySQLPHP.html