

# Practical Lab Exercises

## Lab- PHP

Web Programming (F28WP)

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### Introduction

In this lab, you'll further test and develop your understanding of web programming concepts

#### 1.1 PHP

Setup a very simple script in PHP so you can test and debug simple PHP scripts live on your university space.

On your H drive you should have a folder called 'public\_html'. This is mapped to:  
[http://www2.macs.hw.ac.uk/~\[USERNAME\]/](http://www2.macs.hw.ac.uk/~[USERNAME]/)

Task 1: Create the `simplescript.php` in your `public_html` directory.

Type the following in the script:

```
<?php
echo "hello php world";
?>
```

In the browser, goto the URL to check your php script is working:

[http://www2.macs.hw.ac.uk/~\[USERNAME\]/simplescript.php](http://www2.macs.hw.ac.uk/~[USERNAME]/simplescript.php)

#### 1.1 PHP Errors

You'll often have errors in your script (or other problems), especially when using per-made code and changing parameters/configurations. Also be aware of the popular mistake of having scripts with wrong permission settings (this is important when scripts need to read, write information to files).

Typically, PHP by default, is not so good telling what is wrong. So, to help you get feedback on the error, you add an additional lines to the top of your php (i.e., inform php to print errors to the screen). Following lines of code:

```
<?php
error_reporting(E_ALL);
ini_set("display_errors", 1);

// rest of your php script
?>
```

Add the following debug lines to the top of your script and test out various debug output (e.g., mistyped variable names, missing semicolon).