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# SOFT7008

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## Lab 01 – Introduction to PHP

## First PHP Program

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### Create a simple PHP program showing today's date.

1. Open Notepad++ and type in the following text.:

```
<!DOCTYPE html >
<html>
  <head>
    <title>Today's Date</title>
    <meta charset="utf-8">
  </head>
  <body>
    <p>Today's date (according to this web server) is

        <?php

            echo date('l, F dS Y. ');

        ?>
    </p>
  </body>
</html>
```

2. Save the file as `today.php` into your **XAMP\htdocs**<sup>1</sup> or WAMP localhost folder.

### To run your program:

3. Open your default browser.
4. Enter <http://localhost/today.php> into the address bar and hit Enter.
5. The browser should display :

**Today's date (according to this web server) is Monday, February 06<sup>th</sup> 12.**

(substituting the correct date for today)

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<sup>1</sup> From this point on we will refer to the XAMPP\htdocs as the localhost folder – substitute the correct pathname as set on your machine or USB key

## Display PHP Engine Information

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1. Open Notepad++ and type in the following text.:

```
<!DOCTYPE html >
<html>
  <head>
    <meta charset="utf-8">
  </head>
  <body>
    <p>
      <?php
        phpinfo() ;
      ?>
    </p>
  </body>
</html>
```

- 2 Save the file as `phpinfo.php` into your **XAMP\htdocs**<sup>2</sup> or WAMP localhost folder.
- 3 Open your default browser.
- 4 Enter <http://localhost/phpinfo.php> into the address bar and hit Enter.

The browser should display a table of information relating to the version of PHP running the current script.

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<sup>2</sup> From this point on we will refer to the XAMPP\htdocs as the localhost folder – substitute the correct pathname as set on your machine or USB key

## Declare Variables and Define Constants

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1. Open Notepad++ and type in the following text.:

```
<!DOCTYPE html>|
<html>
<head>
<title>Hello World</title>
</head>
<body>
    <?php
        $WorldVar = "World";
        $SunVar = "Sun";
        $MoonVar = "Moon";
        // define constants
        define("WORLD_INFO", 92897000);
        define("SUN_INFO", 72000000);
        define("MOON_INFO", 3456);

        echo "<p>Hello ", $WorldVar, "!<br />";
        echo "The $WorldVar is ", WORLD_INFO,
            " miles from the $SunVar.<br />";
        echo "Hello ", $SunVar, "!<br />";
        echo "The $SunVar's core temperature is approximately ",
            SUN_INFO, " degrees Fahrenheit.<br />";
        echo "Hello ", $MoonVar, "!<br />";
        echo "The $MoonVar is ", MOON_INFO, " miles in diameter.</p>";
    ?>
</body>
</html>
```

2. Save the file as HelloWorld.php into your **XAMP\htdocs**<sup>3</sup> or WAMP localhost folder.

### To run your program:

3. Open your default browser.
4. Enter <http://localhost/helloworld.php> into the address bar and hit Enter.

## Exercise

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Write a script that assigns the days of the week to an array named `$Days[]`. Use echo statements to display “**The days of the week in English are:**” along with the values in the `$Days[]` array.

Following the output statements, reassign the values in the `$Days[]` array with the days of the week in French. Sunday is *Dimanche*, Monday is *Lundi*, Tuesday is *Mardi*, Wednesday is *Mercredi*, Thursday is *Jeudi*, Friday is *Vendredi*, and Saturday is *Samedi*. Then use output statements to display “**The days of the week in French are:**” along with the French values in the `$Days[]` array. Save the script as `DaysArray.php`. Run the program from your XAMPP web server folder.

The browser should display:



