



Institiúid Teicneolaíochta Chorcaí  
Cork Institute of Technology

# SOFT7008

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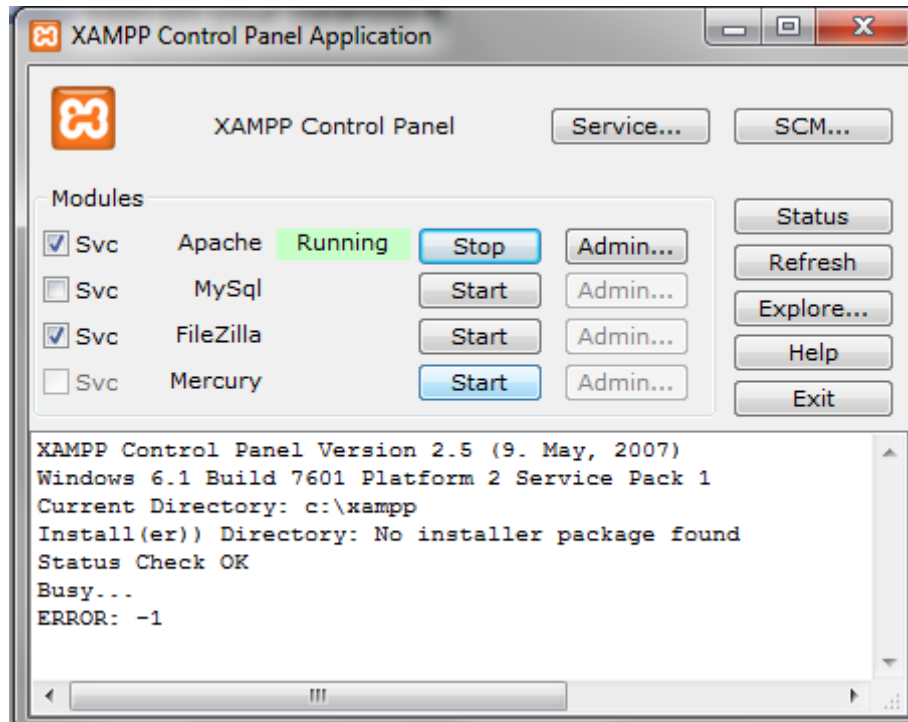
## Lab 01 – Introduction to PHP

## How to run your PHP programs:

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1. Double click the XAMPP icon on your desktop. The XAMPP control panel will be displayed:



2. Click the **Start** button beside the **Apache** module. The status should display **Running**.
3. Edit and save your PHP code file.
4. Copy your PHP code file to the `\XAMPP\htdocs` folder.
5. Launch your browser.
6. Enter `localhost/myCode.php3` below into the address bar to execute the program.

## 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. ');

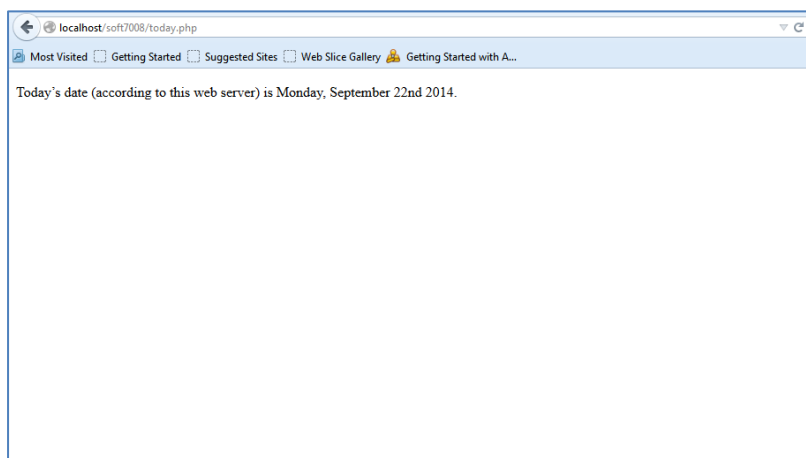
            ?>

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

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



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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, vLab 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>
- 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, vLab or USB key

# Hello World in PHP

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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";
    $WorldInfo = 92897000;
    $SunInfo = 72000000;
    $MoonInfo = 3456;

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

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

## 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:

