	FACULTY OF COMPUTING	MARKS
	COURSE: BCS2243 WEB ENGINEERING	
	COMPONENT : PHP	
	ASSESSMENT: Lab assignment 6	
	DURATION : 0.5 hours	

Course Learning Outcomes	Weight Score
CO1 Design appropriate solution using fundamental web engineering concepts.	2%
CO2 Construct a web-based application using web-engineering methodology.	3%
CO3 Demonstrate communication effectively in written and oral form through group discussion, meeting and presentation session.	Not assessed

General Instructions:

1. This assessment is an individual task.
2. You can refer and cite to any notes, references or sample codes from any sources.
3. ALL submission must in **soft-copy** version as followed: -
 - a. Original source code with:-
 - i. ALL PHP files (.php).
 - ii. ALL images file in a separated folder
 - iii. ALL external files (.css, .js)

Follow the steps below to be familiar with how to create, deploy, and run a PHP file.

1. Open Notepad or Notepad++ and Key in the following code.

```
<!DOCTYPE html>
<html>
<body>
<h1>My first PHP page</h1>
<?php
echo "Hello World!";
?>
</body>
</html>
```

2. Save the file as “Myfirst.php”.
3. Copy this file to D:/xampp/htdocs. (Suppose Xampp is installed at D:/xampp)
4. Run Xampp.
5. Start Apache web server.
6. If the Apache server starts successfully (you will see “running” beside Apache), skip this step, otherwise, follow the steps below to change the port.

- Go to D:/xampp/apache/conf/
- Open file “httpd.conf”
- Change “Listen 80” to “Listen 6666”
- Change “ServerName localhost:80” to ServerName localhost:6666

- Save and close the file.
- Restart Xampp.

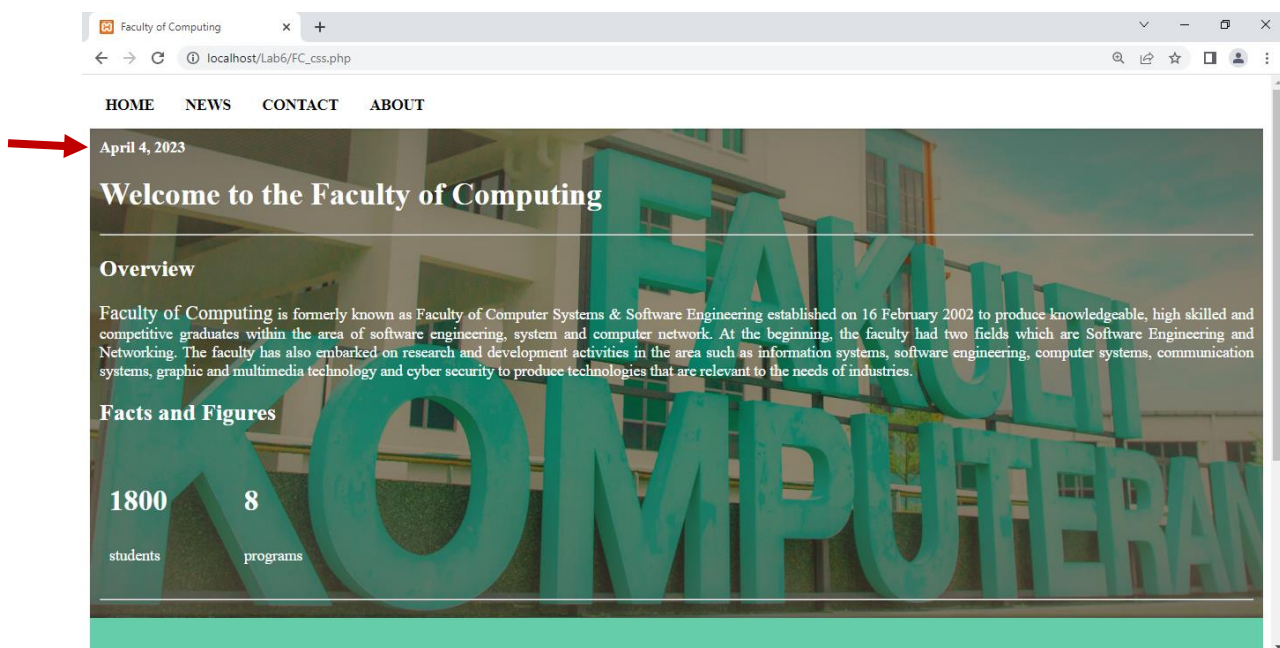
7. Open browser and key in URL [Http://localhost:portnumber/Myfirst.php](http://localhost:portnumber/Myfirst.php) to request PHP page.

For example, if you change the port to 6666, key in URL [Http://localhost:6666/Myfirst.php](http://localhost:6666/Myfirst.php)

2. Try to convert the html document generated by Question 1 of Lab 2 to a PHP file by inserting the following PHP code at appropriate position.

```
<?php
//Display the date.
echo "<b>".date("F j, Y")."</b>";
?>
```

The picture below shows the output of the generated PHP file



3. Write the output of the following code, and then run the code to validate your answer.

```
<!DOCTYPE html>
<html>
<body>
<p>The result is : </p>
<?php
$x=5;
$y=6;
function test()
{
static $z=1;
global $y;
$z = $z+$GLOBALS['x'];
echo "The value of z is $z <br>";
$z = $z+$y;
echo "The value of z is $z <br>";
```

```

}
test();
test();
?>
<p> Try to access them in another php section </p>
<?php
$x = $x+$y;
echo "The value of x is $x <br>";
$y = $x+$y;
echo "The value of y is $y <br>";
test();
test();
?>
</body>
</html>

```

4. Write the output of the following code, and then run the code to validate your answer.

```

<!DOCTYPE html>
<html>
<body>
<p>The result is : </p>
<?php
$str = "Do you think PHP is a good scripting language?";
echo strlen($str);
echo "<br/>"
echo strpos($str, "PHP");
?>
</body>
</html>

```