# Lab 9 – PHP

We are going to do some simple PHP programming in this lab. You will need to put the PHP files in the same directory as your personal homepage.

1. **A simple hello world.**

<!DOCTYPE html>

<html>

<body>

<?php

echo "Hello COMP3421！";

?>

</body>

</html>

1. **Writing files.**

Writing a file

<?php

$myfile = fopen("newfile.txt", "w") or die("Unable to open file!");

$txt = "COMP, 3421\n";

fwrite($myfile, $txt);

$txt = "Javascript, Ajax\n";

fwrite($myfile, $txt);

fclose($myfile);

?>

Over-Writing a file

<?php

$myfile = fopen("newfile.txt", "w") or die("Unable to open file!");

$txt = "John, Mary\n";

fwrite($myfile, $txt);

$txt = "Peter, Joyce\n";

fwrite($myfile, $txt);

fclose($myfile);

?>

1. **Reading files.**

<?php

$myfile = fopen("newfile.txt", "r") or die("Unable to open file!");

// end-of-file

while(!feof($myfile)) {

echo fgets($myfile) . "<br>";

}

fclose($myfile);

?>

1. **Write a PHP program that will create a file with the following JSON contents. (Hint: using the idea in the first 2 questions)**

{

"board": [

{ "side":"player1" , "position":"A" },

{ "side":"player2" , "position":"B" },

{ "side":"player2" , "position":"C" },

{ "side":"player1" , "position":"D" }

]

}

1. **Write a javascript program with Ajax that can read the above file.**