PHP Exercises

In the following exercises, ensure that you have embedded your PHP code in a correctly structured HTML document with *head*, *title*, *body* and appropriate *H1*, *P* elements.

One
The following function calculates the average of three numbers

```
function averageOf3($num1,$num2, $num3){
return ( ($num1+$num2+$num3)/3);
}
```

Create a PHP page with this function at the top of the page and in the HTML Body block, try calling the function with three values, then print the result out. Remember that you can either

Declare a variable to hold the answer and then print it	Use the function inside a print statement directly

`$answer=averageOf3( ..etc);`
`print "<p>average of three is`
`".$answer."</p>";`
	`print "<p>average of three is`
	`".averageOf3( ..etc)."</p>";`

Two
Write a function that called *tomorrow*, which will take a day of the week (a string) and return the next day (a string) – so for example

```
print "If today is Monday, tomorrow is ".tomorrow("Monday");

Would return

If today is Monday, tomorrow is Tuesday
```

Use a series of *if* statements inside the function to return the correct value

Three
Use the online PHP manual to find out about the strlen, strtoupper, rand and round functions. Write some (small) programs to try these functions out (use print statements to see the results).

Four
Write a form and response page that will allow the insertion of new departments details (into the dept table).

Five (Harder)
Write a form and response page that will change a staff members department number. To do this create a form which asks for a staff members empno and the new deptno, (you should be able to reuse one from the lab). On the response page use an update SQL statement to change the entry in the EMP table. The SQL will look something like this

```
UPDATE emp
SET deptno=deptno value from the form
WHERE empno=empno value from the form
```