

## ECS417U Lab sheet for week 8

### Exercise 1

Write a PHP script that calculates the time (in seconds, minutes, hours, days, weeks, and years) passed by since your birthday. You should use the built-in functions `date()` and `time()`. A detailed description of these two functions can be found in the PHP manual (<http://uk2.php.net/manual/en/index.php>). The output of the PHP script should be as similar as possible to the example shown below. Note that:

1. You need to put the .php file under your webprojects directory and display the output using a web browser.
2. You need to use predefined math functions to generate integer numbers (for seconds, minutes, etc.) in your output.
3. You need to use CSS to highlight your birthday in the output.
4. It won't matter if you don't tell us your real birthday.



### Exercise 2

Calculate the sum of the integers from 1 to 100 using the three different loop statements: while, for, and do-while.

### Exercise 3

Debug the following PHP document:

```
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1 //EN"
  "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
<html xmlns = "http://www.w3.org/1999/xhtml">
  <head> <title> debug.php </title>
  </head>
```

```
<body>
  <?php
    $count =1;
    While {$count <=100){
      if ($count % 2)
        print "<p> **** </p>"
      else
        print "<p> ++++++++</p>";
      count ++;
    }
  ?>
</body>
</html>
```