

## Fourth PHP Lab

The aim of this lab exercise is to prompt a user for their username and password and confirm if the details provided match any entries stored in the users table. This is a follow on from the third PHP lab where users were added to the database with a username and password value. Any users added in the third PHP lab can be used to test the login process.

### Exercise 1 – Establish Database Connection

1. Download the zip file included with this lab from moodle and unzip it to a new folder in the web root of your web server (e.g. c:\xampp\htdocs\php\_lab4).
2. Open mysqli\_connect.php in a text editor and modify the values to match those of your database, database username, database password and host. If you completed lab 1 and do not have a password set for your database and it is running on localhost then you won't to make any modifications to this file. Alternatively just copy the mysqli\_connect.php file you updated in the third PHP lab.
3. Save changes to mysqli\_connect.php, if any were made.
4. Start your web server and database if they are not already running.

### Exercise 2 – Login User

1. Open login.php in a text editor.
2. You will need to follow the comments in this file to complete the exercise. The comments include some hints. The aim is to add logic to this php script to validate user inputs on the form, and use these details in an sql queries where clause to confirm if a match is found. If a match is found confirm it is a valid user, otherwise confirm they are not a valid user.
3. When the changes are complete, save the changes, and open login.php from your web server on a browser. For example, type the following url:

[http://localhost/php\\_lab4/login.php](http://localhost/php_lab4/login.php)

4. Enter a username and password and click on the login button.
5. If the details provided match any record in the users database table then you should see the shop.php page:

