

PHP and databases

Objectives

Upon completion of this session you should be able to:

- validate username/password against a database table
- insert rows into a table
- delete rows from a table

Background

In the last session we looked at how we can retrieve data from a table. We also used that information to create (relatively) simple HTML-formatted *reply pages* using the **echo** statement. (If you are not sure about this process, you should go back and review it now.)

We need to turn to how we use the retrieved data and how to administer the database.

Tasks

Validating username/password

Create a html file (*login.html*) using the code below.

```
<html>
<body>
  <form action="login.php" method="post">
    <table>
      <tr>
        <td>Name:</td>
        <td><input type="text" name="username"></td>
      </tr>
      <tr>
        <td>Password:</td>
        <td><input type="password" name="password"></td>
      </tr>
      <tr>
        <td colspan="2"><input type="submit"></td>
      </tr>
    </table>
  </form>
</body>
</html>
```

When the form is submitted, the php file invoked is *login.php*. You are required to create *login.php* by modifying the code from last week. The php file should:

- Generate a welcome message if the username/password are validated against the login table in the database (refer to last week's practical)
- Print an error message if the username/password are not validated:
 - the username or password do not exist in the table or;
 - the password does not match the username

Note: if username/password are not validated, no records will be retrieved from the database.

Deleting a record

Modify the php file developed last week to create a form which can be used to delete an existing record from the login table. The form will look as shown below. Write the php file (*delete.php*) which is executed when the submit button is clicked.

	ID	Username	Password
<input type="radio"/>	1	john	john08
<input type="radio"/>	2	nicole	nic
<input type="radio"/>	3	james	james
<input type="radio"/>	4	samantha	sam21
		<input type="button" value="Delete Record"/>	

Inserting a record

Create a form in a html file to insert records into the database. Also, create a php file which will be executed when the form is submitted.