

Algorithm designs

<p>Algorithm design:</p> <pre>GET email FROM login-form QUERY database to get record with matching email IF record exists in database THEN GET password from login-form IF password = storedPassword THEN LOGIN SUCCESSFUL ELSE LOGIN FAILED END IF ELSE DISPLAY "Click here to register for a new account" END IF</pre>	<p>Comments:</p> <p>The user login form has been developed to track attendance at the Dojo.</p> <p>This form has an entry field for the user's email address and password. The form takes the email address and queries the database to see if the user has already registered with their email address.</p> <p>If the email address already exists in the database, the password the user has entered is checked against the stored password in the database. If these match, the user is successfully logged in.</p> <p>If the email address does not exist in the database, a link is displayed for the user to go to the registration page.</p>
<p>Feedback:</p> <p>The design for the login algorithm looks like it would work correctly. Could you explore password hashing to improve the security of your login page?</p>	