MAC 272 Assignment 2

Q1: For this assignment, you need to create three php pages as follow:

1. Login page: This page has two text boxes and one submit button. The text boxes are used to collect the username and the password. When the user clicks submit button, **process\_login.php** page should be called.
2. Create a php document that called **process\_login.php**. Link this page to the action attribute in previous page (login page) so that when the user clicks submit button in the login page, the code in **process\_login.php** gets executed. Now implement **process\_login,php** as follow:
   1. Read username and the password you entered in the login page.
   2. Now create any numbers of arrays (it could be one array or more) in **process\_login.php** that contain a collection of usernames and related passwords.
   3. Now loop through your array (s) to check if your array(s) contains the username and password you entered in the login page. And then:
      1. If your array(s) contains the username and password you entered, direct the user into welcome php page. Welcome page only has a welcome message.
      2. If your array(s) do not contain the username and password you entered, print a message saying: “username and password incorrect”. and direct the user into login page.

**login\_page.php**

<html>

<head>

    <title>Login Page</title>

</head>

<body>

    <h2>Login</h2>

    <?php

    if (isset($\_GET['error']) && $\_GET['error'] == 1) {

        echo "<p style='color: red;'>Username or password are incorrect. Please try again.</p>";

    }

    ?>

    <form action="process\_login.php" method="post">

        Username:<input type="text" name="username"><br><br>

        Password:<input type="password" name="password"><br><br>

        <input type="submit" value="Login">

    </form>

</body>

</html>

**process\_login.php**

<?php

$users = [

    "John" => "1111",

    "Adam" => "2222",

    "Susan" => "3333",

    "Eva" => "4444"

];

$username = $\_POST['username'];

$password = $\_POST['password'];

if (isset($users[$username]) && $users[$username] === $password) {

    header("Location: welcome.php?username=" . $username);

} else {

    header("Location: login\_page.php?error=1");

}

?>

**welcome.php**

<html>

<head>

    <title>Welcome Page</title>

</head>

<body>

    <h2>Welcome</h2>

    <?php

    $username = $\_GET['username'];

    if ($username) {

        echo "<p>Welcome, $username!</p>";

    }

    ?>

    <form action="login\_page.php">

        <input type="submit" value="Return to Login">

    </form>

</body>

</html>

**Screenshots**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

