

Project: BWD-40_Simple_Login_System

Output:

<h3>Login</h3> <p>Username: <input type="text" value="test"/></p> <p>Password: <input type="password" value="..."/></p> <p><input type="button" value="Login"/></p>	<h3>Login</h3> <p>Username: <input type="text" value="test"/></p> <p>Password: <input type="password" value="..."/></p> <p><input type="button" value="Login"/></p> <p>Invalid Username or Password!</p>
<h3>Login</h3> <p>Username: <input type="text" value="Mahmudul"/></p> <p>Password: <input type="password" value="..."/></p> <p><input type="button" value="Login"/></p>	<h3>Welcome, Mahmudul!</h3> <p>Logout</p>

Source Code:

login.php

```
<?php
session_start();
require 'db.php'; // Include database connection

$error = '';

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $username = $_POST['username'];
    $password = md5($_POST['password']); // Encrypt password using MD5 (for demonstration only)

    $sql = "SELECT * FROM users WHERE username='$username' AND password='$password'";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        $_SESSION['username'] = $username;
        header("Location: welcome.php");
        exit();
    } else {
        $error = "Invalid Username or Password!";
    }
}
```

```

?>

<!DOCTYPE html>
<html>
<head>
    <title>Login</title>
</head>
<body>
    <h2>Login</h2>
    <form method="POST" action="">
        <label>Username:</label>
        <input type="text" name="username" required><br><br>

        <label>Password:</label>
        <input type="password" name="password" required><br><br>

        <button type="submit">Login</button>
    </form>

    <p style="color:red;"><?php echo $error; ?></p>
</body>
</html>

```

welcome.php

```

<?php
session_start();
if (!isset($_SESSION['username'])) {
    header("Location: login.php");
    exit();
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Welcome</title>
</head>
<body>
    <h2>Welcome, <?php echo $_SESSION['username']; ?>!</h2>
    <a href="logout.php">Logout</a>
</body>
</html>

```

logout.php

```

<?php
session_start();
session_destroy();
header("Location: login.php");
exit();?>

```

db.php

```
<?php
$servername = "localhost";
$username = "root"; // Change as per your DB user
$password = "usbw"; // Change as per your DB password
$dbname = "login_system";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
?>
```
