PHP Workshop: Create a Simple PHP Login System

# Objective

Create a simple login system using PHP and CSS that includes a login page, a welcome page, and a logout functionality.

# Requirements

Create the following PHP files:

- login.php

- welcome.php

- logout.php

Create a CSS file:

- styles.css

# Specifications

## 1. login.php

- Create a login form that includes fields for username and password.

- Validate the login credentials against a hardcoded array of users (e.g., user1 with password1 and user2 with password2).

- If the login is successful, redirect the user to welcome.php.

- If the login fails, display an error message.

### Key Components:

- Use HTML forms (<form>).

- Implement PHP session handling.

- Style the form using CSS.

## 2. welcome.php

- Display a welcome message that includes the username of the logged-in user.

- Provide a link to log out (which will redirect to logout.php).

### Key Components:

- Implement session management to check if the user is logged in.

- Style the welcome message using CSS.

## 3. logout.php

- Destroy the session and redirect the user back to login.php.

### Key Components:

- Implement session destruction.

## 4. styles.css

- Design the layout and style of the login and welcome pages.

Include styles for:

- Body font and background

- Container for the forms

- Button styles

- Error message styling

# Deliverables

- Submit the four PHP files and the CSS file.

- Ensure that your code is well-organized and commented.

# Bonus Challenge

- Implement password hashing (using password\_hash() and password\_verify()) for better security.

- Add a "Remember Me" checkbox to keep users logged in even after closing the browser.

# Evaluation Criteria

- Functionality: Does the login system work correctly?

- Code quality: Is the code clean, well-structured, and commented?

- Styling: Does the CSS enhance the user experience?

- Creativity: Are there any extra features or improvements?