Lab 12 — PHP Sessions

Task: Creating a Login System

Objective:

- To create a login page where students can authenticate for either a user or an admin session.
- To differentiate the admin and user page by displaying a sentence stating the user's role and by using specific background colors for each session.
- To include a logout button for the student to logout of the session once logged in.

Instructions:

1. Start by creating a new PHP file named "login.php"
2. In the login.php file, create a form with inputs for the user to enter their username and password.
3. Use the $_POST method to receive the form data and store the values in variables.
4. Connect to a MySQL database using the mysqli_connect() function and select the approporate database using the mysqli_select_db() function.
5. Create a query to check if the username and password enetered by the match any records in the database.
6. If a match is found, use the PHP session_start() function to start a new session and store the user's role (admin or role) in a session variable.
7. Use an if-else statement to check the value of the session variables and redirect the user to the appropriate page (admin or user page).
8. On the admin and user pages, use the PHP echo function to display a sentence stating the user's role (e.g. "You are logged in as an admin" or "You are logged in as a user").
9. Use CSS to style the pages by setting the background color to dodger blue for the admin page and purple for the user page. Also set the

text color to white and align the text horizontally and vertically in the middle of the page.

10. Finally, add a logout button on both pages that when clicked, will end the current session and redirect the user back to the login page.

Submission:
- Submission of you work must be on Moodle.
- Your work must be in a zip-file with your name and roll-number as follows "name_roll-number.php".
- Emailed submission will not be accepted.
- Plagiarized code will NOT be marked.