

Practical 8

Handling Cookies and Sessions using PHP

1. Write a script that uses cookies to remember how long ago a visitor first visited the page. Display this value in the page, in minutes and seconds.
 2. Create a new folder in your web folder called authentication. Inside the authentication folder, create the following files: index.php, authenticate.php, login.php, logout.php, database.php.
- Create the following table in the database
id - primary key, integer, auto_increment
username - varchar, 255 length
password - varchar, 255 length
name - varchar, 255 length
After creating your database, insert a few records into the user table.
 - In login.php, write the HTML code that will display a login form. Create an input element of type text labeled and named username. Create an input element of type password labeled and named password. Create a submit button with the value set to Login. The form's action should be set to authenticate.php and method should be set equal to post.
 - In authenticate.php, write the PHP logic to authenticate the user. If the username and password match a record, set the \$_SESSION['logged_in'] variable to the user's name. After you set the variables, redirect the user to index.php. If the username and password do not match, redirect the user back to the login page.
 - In index.php, write the PHP code to tell the user whether or not they are logged in. If a user is logged in, the script should display a message like "Hello, (user name)", remember replacing "user name" with the user's name. If a user is not logged in, the script should say "You are not logged in" and link to login.php.
 - In logout.php, write the PHP code to clear a user's sessions, then redirect the user to index.php. If the username and password match a record, set the \$_SESSION ['logged_in'] variable to true, the \$_SESSION ['user_id'] to the user's id and the \$_SESSION ['name'] variable to the user's name.
After you set the variables, redirect the user to index.php. If the username and password do not match, redirect the user back to login.php.

