Practical Lab 10

Student ID:	Student Name:	

Q1. Test the following codes to start and stop PHP session.

Test Demo1 here: Demo 1

- 1. Copy the following 4 files into your student folder. Set each permission as 755.
- 2. To start a session in PHP, see the first highlight part.
- 3. To set a session variable in PHP, see the second highlight part.
- 4. To verify if a session exists, see the third highlight part.
- 5. To stop a session, see the fourth highlight part.

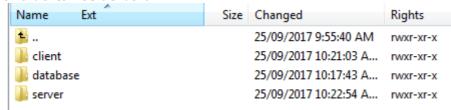
Regarding the PHP session, you can find more details HERE.

```
login.html:
<html>
<body>
<h2>Lab 10 Login</h2>
This is just an example, the username and password are hardcode in the login.php.
<br/>br/>
Username: USR1<br/>
Password: PWD1<br/><br/><br/>
<form action="login.php" method="POST">
Username: <input type="text" name="username" id="username">
<br/><br/>
Password: <input type="password" name="password" id="password">
<br/><br/>
<button type="submit">Submit to Login</button>
</form>
</body>
</html>
login.php:
<?php
       session_start();
<html>
<body>
<?php
        //Receive username from clint side
        $entered_username = $_POST['username'];
       //Receive password from client side
       $entered_password = $_POST['password'];
       if($entered_username=="USR1" & $entered_password == "PWD1"){
               $_SESSION['login'] = "YES";
```

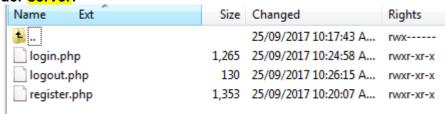
```
header('Location: content.php');
        }else{
                echo "Wrong Username or Password!";
        }
        echo "<br/>br/>Go <a href='http://titan.csit.rmit.edu.au/~e23700/Lab10/demo1/login.html'>back</a> to login";
?>
</body>
</html>
content.php:
<?php
        session start();
        if(!isset($_SESSION['login'])){
                header('Location: login.html');
<html>
<body>
<h2>Lab 10 content</h2>
You can reach here only if you login successful.
<br/><br/>
<form action="logout.php" method="POST">
<button type="submit">Logout</button>
</form>
</body>
</html>
logout.php:
<?php
        session_start();
        unset($_SESSION['login']);
        echo "You have logged out, you cannot access to the <a
href='http://titan.csit.rmit.edu.au/~e23700/Lab10/demo1/content.php'>content page</a> right now";
        echo "<br/>str/><br/>If you try to access to the content page without login successful, you will be redirect to <a
```

echo "
br/>
if you try to access to the content page without login successful, you will be redirect to login.html page"; ?>

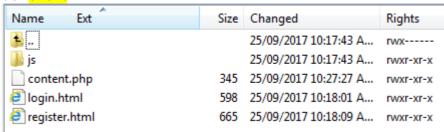
Create the folders/files as below:



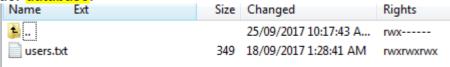
in the folder server:



in the folder client:



In the folder database:



Expected outcome: Only successful login user can access to the content.php page.

Client-side:

- 1. Login via login.html
- 2. Redirect to content.php if username and password are correct.

Server-side:

- 1. Retrieve the username and password from client-side.
- 2. Verify if the username exists, and if the password is correct.
- 3. Set the session variable if both of the username and password are correct.
- 4. Redirect to content page.

See example here

Answer of Q3:

login.php

```
<?php
       session_start();
?>
<html>
<body>
<?php
      if(isset($_POST['username']) == FALSE){
             header('Location: ../client/login.html');
      }
      //Receive username from clint side
       $entered username = $ POST['username'];
      //Receive password from client side
       $entered_password = $_POST['password'];
      if($entered_username!="" & $entered_password != ""){
             login = 0;
             //read users.txt line by line
             foreach(file('../database/users.txt') as $line) {
                    //split each line as two parts
                    list($username, $password) = explode(",",$line);
                    //verify if an exist user with the same username
                    if($username == $entered username){
                           //verify the password
                           if($password == $entered_password."\n"){
                                  login = 1;
                                  $_SESSION['user'] = $entered_username;
                                  header('Location: ../client/content.php');
                           }
                    }
             }
             if(slogin==0){
                    echo "Wrong Username or Password!";
             }else{
                    echo "Login successful!";
             }
             echo "<br/>Go <a
href='http://titan.csit.rmit.edu.au/~e23700/Lab10/answer'>back</a> to register, login or check
the users.txt";
      }else{
             echo "Username and Password cannot be empty!";
             echo "<br/>Go <a
href='http://titan.csit.rmit.edu.au/~e23700/Lab10/answer'>back</a> to register, login or check
the users.txt";
      }
?>
</body>
```

```
content.php
```

```
<?php
        session_start();
        if(!isset($_SESSION['user'])){
                header('Location: login.html');
?>
<html>
<body>
<h2>Lab 10 answer: content</h2>
Hi! <?php echo $_SESSION['user']; ?>
<br/><br/>
Here is the content...
<br/><br/>
<form action="../server/logout.php" method="POST">
<button type="submit">Logout</button>
</form>
</body>
</html>
```

logout.php

```
<?php
    session_start();

unset($_SESSION['user']);

header('Location: http://titan.csit.rmit.edu.au/~e23700/Lab10/answer');
?>
```