**Ex. 8. PHP – Database Connection**

**URK17CS127**

**Date:**

Design a **Registration and login system** in PHP using cookies and mysql connection. Use mysql database to store user details and cookies to remember user details in the local machine.

**Part 1: Make the database connection**

Write a PHP file that can be added to other PHP files using the require functions. This file should:

* Make a connection to a MySQL database, and log in with valid credentials. The connection resource should be stored in a variable with an appropriate name.

# Part 2: Write the registration form

Write a PHP file that will output a form containing 3 fields: username, password, and phone number. Also display the registered user names. These fields should be sent via POST to the same file, which should take care of inserting them into a database named **members** and table named **users** (as shown above), and then confirm the registration by displaying the username and phone number back to the browser.

**Connect.php:**

<?php

$conn=mysqli\_connect('webtech.karunya.edu','urk17cs127','KUMMARIGURUDEV@7','urk17cs127');

if(!$conn){

die('Connection Error : '.mysqli\_connection\_error());

}

?>

**Index.php:**

<?php session\_start(); if(isset($\_SESSION['user'])){

header('location:success.php');

}?>

<!doctype HTML>

<html>

<head>

<title>Register</title>

<style>

body{

font-family:Verdana;

text-align: center;

background-color:#F73859;

}

.container{

position:absolute;

top:50%;

left:50%;

transform: translate(-50%,-50%);

text-align: center;

height:70%;

width:33%;

background-color:#252525;

border-radius: 8px;

padding:5% 1%;

padding-top:0;

}

.container \*{

display:block;

margin:7% auto;

}

.container input[type='text'],.container input[type='password']{

text-align: center;

border:2px solid #3498db;

outline:none;

background:none;

padding:14px 10px;

color:white;

width:60%;

border-radius:24px;

}

.c{

margin-top:10%;

}

input[type='submit']{

padding:14px 10px;

width:30%;

background:none;

border-radius: 24px;

border:2px solid #2ecc71;

color:white;

}

input[type='submit']:hover{

background:#2ecc71;

transition:0.3s;

}

.cpy{

position:absolute;

bottom:0;

left:50%;

transform:translate(-50%);

}

</style>

</head>

<body>

<div class="container">

<h1 style="color:white;font-size:4rem;font-weight: 500;">REGISTER</h1>

<form action="register.php" method="post">

<input class='c' type="text" name="username" placeholder="Username" required autofocus>

<input type="text" name="phno" placeholder="Phone Number" required pattern="[0-9]{10}">

<input type="password" name="password" placeholder="Password" required>

<input type="submit" value="Register">

</form>

<form action='login.php' method='post'>

<span style='color:white;'>Already Registered?</span>

<input type='submit' value='Login'>

<a style='color:white;' href="people.php">View people who have already registered</a>

</form>

</div>

<center class="cpy">&copy;kummari Gurudev - URK17CS127</center>

</body>

</html>

**Login.php:**

<?php session\_start(); if(isset($\_SESSION['user'])){

header('location:success.php');

}?>

<!doctype HTML>

<html>

<head>

<title>Login Page</title>

<style>

body{

font-family:Verdana;

text-align: center;

background-color:#F73859;

}

.container{

position:absolute;

top:50%;

left:50%;

transform: translate(-50%,-50%);

text-align: center;

height:70%;

width:33%;

background-color:#252525;

border-radius: 8px;

padding:5% 1%;

}

.container \*{

display:block;

margin:7% auto;

}

.container input[type='text'],.container input[type='password']{

text-align: center;

border:2px solid #3498db;

outline:none;

background:none;

padding:14px 10px;

color:white;

width:60%;

border-radius:24px;

}

.container input[type='text']{

margin-top:15%;

}

input[type='submit']{

padding:14px 10px;

width:30%;

background:none;

border-radius: 24px;

border:2px solid #2ecc71;

color:white;

}

input[type='submit']:hover{

background:#2ecc71;

transition:0.3s;

}

.cpy{

position:absolute;

bottom:0;

left:50%;

transform:translate(-50%);

}

</style>

</head>

<body>

<div class="container">

<h1 style="color:white;font-size:4rem;font-weight: 500;">LOGIN</h1>

<form action="logon.php" method="post">

<input type="text" name="username" placeholder="Username" required autofocus>

<input type="password" name="password" placeholder="Password" required>

<input type="submit" value="Login">

<a style='color:white;' href='reset.php'>Forgot Password?</a>

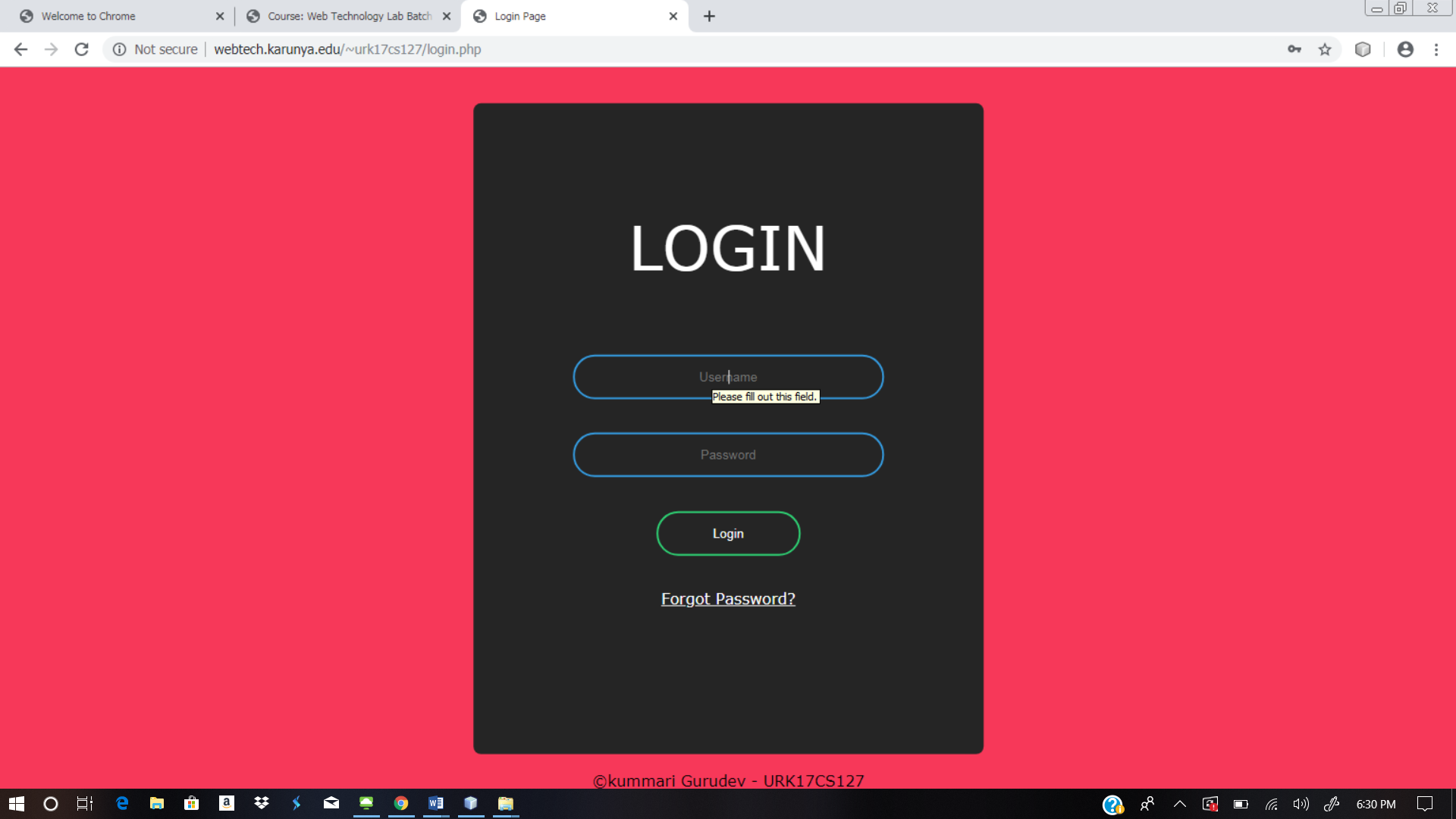
</form>

</div>

<center class="cpy">&copy;kummari Gurudev - URK17CS127</center>

</body>

</html>



**Logon.php:**

<?php

require\_once 'connect.php';

$username=$\_POST['username'];

session\_start();

$password=sha1($\_POST['password']);

$q1="select \* from members where username='$username' and password='$password';";

$res=mysqli\_query($conn,$q1);

if(mysqli\_num\_rows($res)==0){

echo "<script>alert('Wrong Username or Password. Please try again.');location='login.php';</script>";

}

else{

$\_SESSION['user']=$username;

header('location:success.php');

}

?>

**logout.php:**

<?php session\_start();

session\_destroy();

header('location:login.php');

?>

**People.php:**

<?php

require\_once "connect.php";

$q1='select username from members;';

$res=mysqli\_query($conn,$q1);

$p="";

while($row=mysqli\_fetch\_array($res)){

$p=$p."<tr><td>".$row['username']."</td></tr>";

}

?>

<html>

<head>

<title>People</title>

<style>

body{

font-family:Verdana;

text-align: center;

background-color:#F73859;

}

.container{

background-color:#252525;

border-radius: 8px;

padding:5% 1%;

display:inline-block;

width:50%;

position:absolute;

top:50%;

left:50%;

transform:translate(-50%,-50%);

}

table \*{

font-size:2rem;

color:white;

}

table{

border:2px solid white;

margin: 0 auto;

}

th,td{

border-bottom:2px solid white;

}

</style>

</head>

<body style='text-align: center;'>

<div class='container'>

<table width='100%'>

<tr><th>Username</th></tr>

<?php echo $p;?>

</table>

</div>

</body>

</html>

**Register.php:**

<?php

require\_once 'connect.php';

$username=$\_POST['username'];

$password=sha1($\_POST['password']);

$phno=$\_POST['phno'];

$q1="select \* from members where username='$username'; ";

if(!$res=mysqli\_query($conn,$q1)){

echo "<script>alert('Error');</script>";

}

else{

if(mysqli\_num\_rows($res)>0){

echo "<script>alert('You are already Registered. Please Login.');location='login.php';</script>";

}

else{

$q2="insert into members values('$username','$password','$phno');";

if(!mysqli\_query($conn,$q2)){

echo "<script>alert('Some error in registering. Try again.');</script>";

}

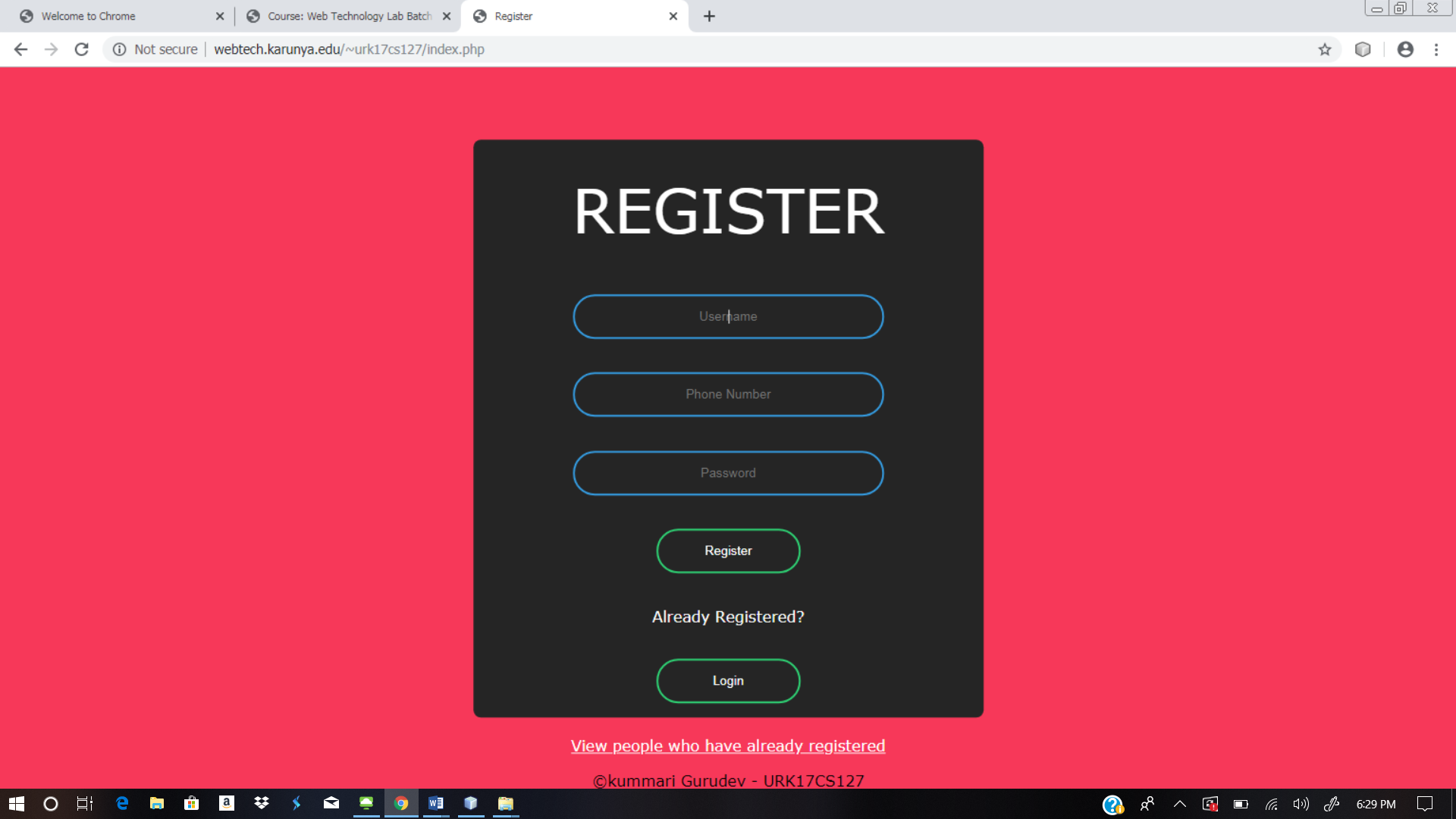
else{

echo "<script>alert('Successfully Registered. Please Login.');location='login.php'</script>";

}

}

}



**Reset.php:**

<?php?>

<!doctype HTML>

<html>

<head>

<title>Reset Password</title>

<style>

body{

font-family:Verdana;

text-align: center;

background-color:#F73859;

}

.container{

position:absolute;

top:50%;

left:50%;

transform: translate(-50%,-50%);

text-align: center;

height:70%;

width:33%;

background-color:#252525;

border-radius: 8px;

padding:5% 1%;

padding-top:0;

}

.container \*{

display:block;

margin:7% auto;

}

.container input[type='text'],.container input[type='password']{

text-align: center;

border:2px solid #3498db;

outline:none;

background:none;

padding:14px 10px;

color:white;

width:60%;

border-radius:24px;

}

.c{

margin-top:10%;

}

input[type='submit']{

padding:14px 10px;

width:30%;

background:none;

border-radius: 24px;

border:2px solid #2ecc71;

color:white;

}

input[type='submit']:hover{

background:#2ecc71;

transition:0.3s;

}

.cpy{

position:absolute;

bottom:0;

left:50%;

transform:translate(-50%);

}

</style>

</head>

<body>

<div class="container">

<h1 style="color:white;font-size:4rem;font-weight: 500;">RESET PASSWORD</h1>

<form action="resetpass.php" method="post">

<input type="text" name="username" placeholder="Username" required autofocus>

<input type="text" name="phno" placeholder="Phone Number" required pattern="[0-9]{10}">

<input type="password" name="password" placeholder="New Password" required>

<input type="submit" value="Reset">

</form>

</div>

<center class="cpy">&copy;kummari Gurudev - URK17CS127</center>

</body>

</html>

**Success.php:**

<?php session\_start();?>

<!doctype HTML>

<html>

<head>

<title>Welcome</title>

<style>

body{

font-family:Verdana;

background-color:#F73859;

}

input[type='submit']{

padding:14px 10px;

width:30%;

background:none;

border-radius: 24px;

border:2px solid #2ecc71;

color:white;

}

input[type='submit']:hover{

background:#2ecc71;

transition:0.3s;

}

.cpy{

position:absolute;

bottom:0;

left:50%;

transform:translate(-50%);

}

.container{

background-color:#252525;

border-radius: 8px;

padding:5% 1%;

padding-top:1%;

}

</style>

</head>

<body>

<div class='container'>

<h1 style="color:white;font-size:10rem;font-weight: 500;">Welcome <?php echo $\_SESSION['user'];?>.</h1>

<form action='logout.php' method='post'>

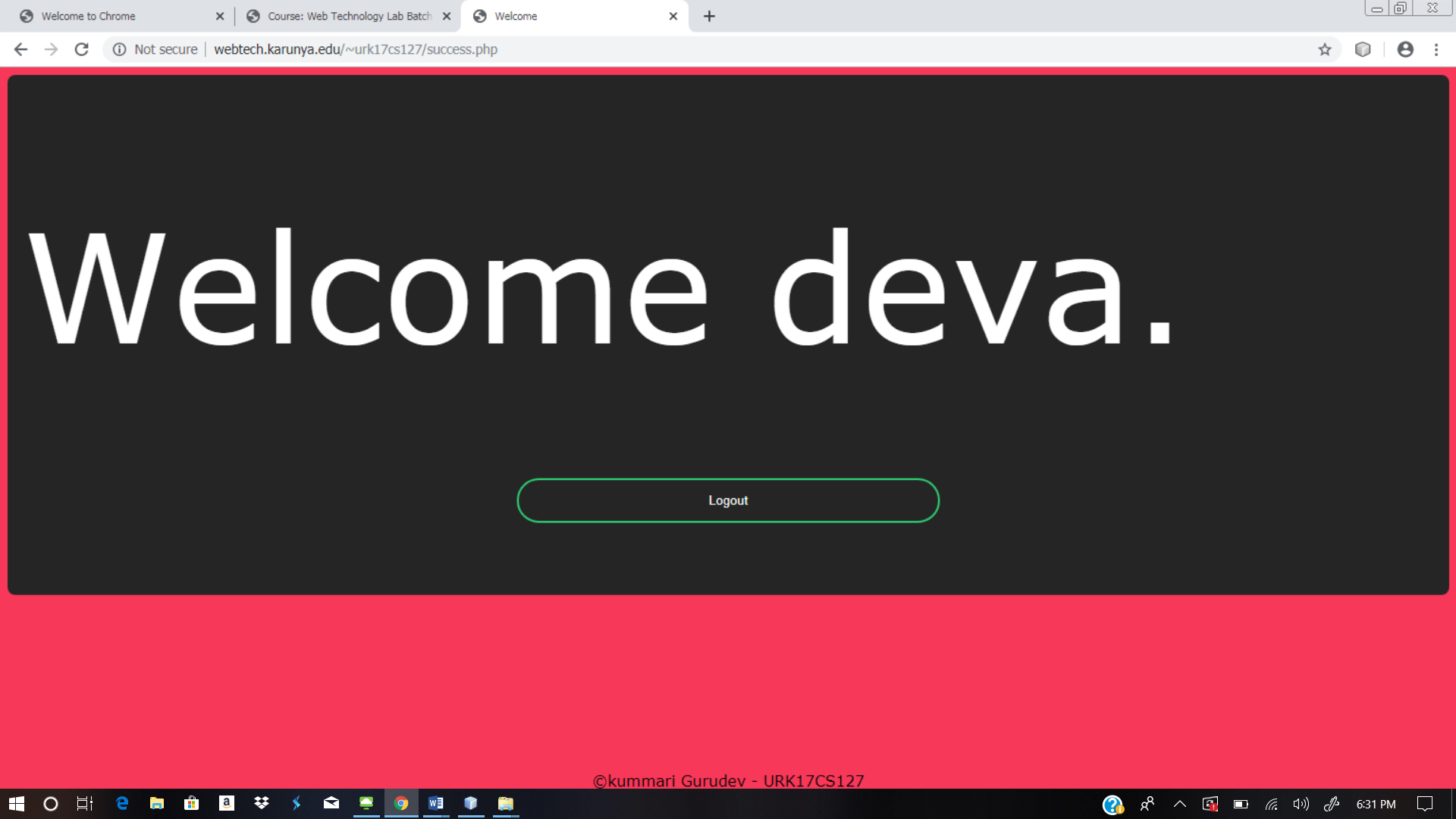
<center> <input type='submit' value='Logout'></center>

</form>

</div>

<center class="cpy">&copy;kummari Gurudev - URK17CS127</center>

</body>

</html> 

**Web site URL:** <http://urk17cs127.rf.gd/Exercise8/>

**You tube URL:** [**https://youtu.be/h\_D\_9uVsXFM**](https://youtu.be/h_D_9uVsXFM)