**1.** **Write a PHP script for a user login and registration system.**

**conn.php**

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname="subha";

// Create connection

$conn = mysqli\_connect($servername, $username, $password,$dbname);

// Check connection

if (!$conn) {

die("Connection failed: " . mysqli\_connect\_error());

}

echo "Connected successfully";

?>

**login.php**

<?php

include 'conn.php';

if(isset($\_POST['submit']))

{

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

$psswrd=$\_POST['password'];

$sql = "SELECT \* FROM user\_registration where username='$uname' and password='$psswrd'";

$result = mysqli\_query($conn, $sql);

if (mysqli\_num\_rows($result) > 0)

{

header("location:welcome.php") ;

}

else

{

header("location:error.php") ;

}

mysqli\_close($conn);

}

else

{

?>

<html>

<body>

<center>

<form action="" method="post">

Username:

<input type="textbox" name="username"><br>

Password:

<input type="textbox" name="password"><br>

<a href="registration.php">New User?Sign Up</a><br>

<input type="submit" name="submit" value="Submit"><br>

</form>

</center>

</body>

</html>

<?php

}

?>

**registration.php**

<?php

include 'conn.php';

if(isset($\_POST['submit']))

{

$fname=$\_POST['firstname'];

$lname=$\_POST['lastname'];

$cno=$\_POST['contactnumber'];

$email=$\_POST['mail'];

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

$psswrd=$\_POST['password'];

$sql = "INSERT INTO user\_registration(firstname,lastname,contactno,email,username,password)VALUES ('$fname','$lname','$cno','$email','$uname','$psswrd')";

if (mysqli\_query($conn, $sql)) {

echo "New record created successfully";

} else {

echo "Error: " . $sql . "<br>" . mysqli\_error($conn);

}

mysqli\_close($conn);

}

else

{

?>

<html>

<body>

<center>

<form action="" method="post">

Firstname:

<input type="textbox" name="firstname"><br>

Lastname:

<input type="textbox" name="lastname"><br>

Contact Number:

<input type="textbox" name="contactnumber"><br>

Email:

<input type="textbox" name="mail"><br>

Username:

<input type="textbox" name="username"><br>

Password:

<input type="textbox" name="password"><br>

<input type="submit" name="submit" value="Submit"><br>

</form>

</center>

</body>

</html>

<?php

}

?>

**welcome.php**

<html>

<body>

<br><br>

<center><b>

WELCOME</b>

</center>

</body>

</html>

**error.php**

<html>

<body>

<br><br>

<center>

ERROR

<br><br>

<a href="login.php"><b>< Back</b></a><br>

</center>

</body>

</html>