Name: Pradeep

Roll No: 2101CS59

Assignment No: 8

As in assign it was given as task 1 and task2 but I have merge the whole because there they have asked to update in task1 and login in task2 so as without login we cant updata data hence I have merged all way..

Initially I have created database dbtest;

```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| sakila             |
| sys                |
| world              |
+--------------------+
6 rows in set (0.07 sec)

mysql> create database dbtest;
Query OK, 1 row affected (0.02 sec)

mysql> use dbtest;
Database changed
```

Then I created table users with id, firstname,lastname,email,and password;

```
mysql> create table users(id int NOT NULL AUTO_INCREMENT primary key,first_name varchar(30),last_name varchar(30),email varchar(50) u
nique,password varchar(50));
Query OK, 0 rows affected (0.09 sec)

mysql> select * from users;
Empty set (0.01 sec)
```

This is My Registration form and If user is already registered then login

Enter the Registration form

First Name: _____
Last Name: _____
Email: _____
Password: _____
Confirm Password: _____

Submit

Already Registered? Login here!

Login

If I will try to submit without filling all info,it will show alert;

Enter the Registration form

First Name: Nitya
Last Name: _____
Email: |_____

⚠ Please fill out this field.

Passwo_____
Confirm Password: _____

Submit

Already Registered? Login here!

Login

Password issue: If password is too short then it will show error !

Enter the Registration form

First Name: Nitya

Last Name: kumar

Email: nitya@gmail.com

Password: •••

Confirm Password: •••

Submit

Password too short!

If user will fill password and confirm password different , then it will show error.

Enter the Registration form

First Name: Nishant

Last Name: kumar

Email: nishu@gmail.com

Password: •••••••••••

Confirm Password: •••••••••••

Submit

Already Registered? Login here!

Login

Password and Confirm password should be same

Now this is correct detail: After submitting it will redirect to another page which will show message and give option to login

Enter the Registration form

First Name: Nitya

Last Name: kumar

Email: nitya@gmail.com

Password: ••••••••

Confirm Password: nitya@123 👁

Submit

Data Stored Successfully

Login Now

In mysql also data got filled .

```
mysql> select * from users;
+----+------------+-----------+------------------+-----------+
| id | first_name | last_name | email            | password  |
+----+------------+-----------+------------------+-----------+
|  2 | Nitya      | kumar     | nitya@gmail.com  | nitya@123 |
+----+------------+-----------+------------------+-----------+
1 row in set (0.00 sec)
```

Now Login Page will open there.

LOGIN Here 😊

Email: [_____]

Password: [_____]

[Submit]

Not yet Registered? Register here

[Register]

Filling login details.

LOGIN Here 😊

Email: nitya@gmail.com

Password: •••••••••

Submit

Not yet Registered? Register here

Register

Now welcome page will be open there! Where user can see there profile,update profile or delete there profile or logout.

localhost/Assgn8/welcome.php

Hello, Nitya kumar
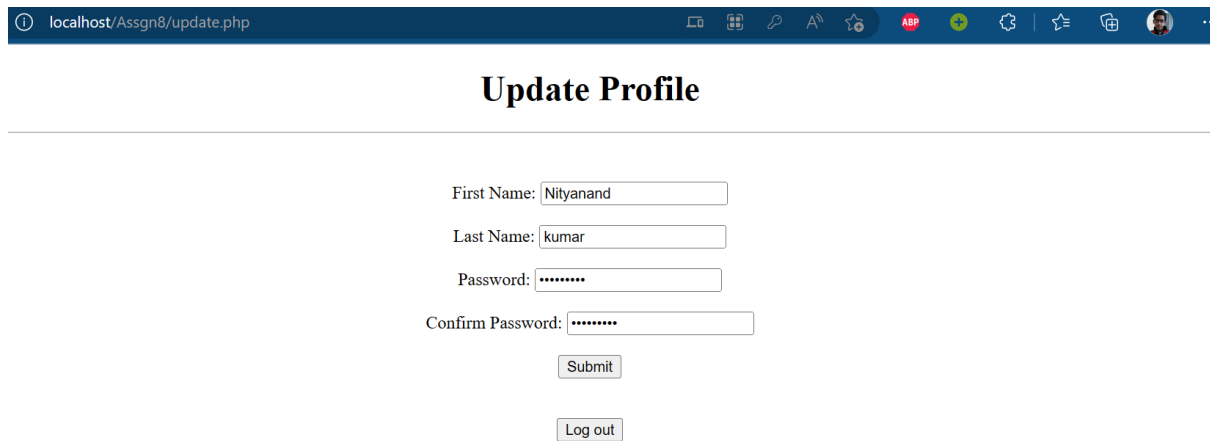
View Your Profile

Update Profile

Delete Profile

Log out

After clicking view your profile this view page will be show like that and user can see there name,email and password. He can also update profile , delete profile or logout from here.

Name : Nitya kumar

Email : nitya@gmail.com

Password : nitya@123

Update Profile

Delete Profile

Log out
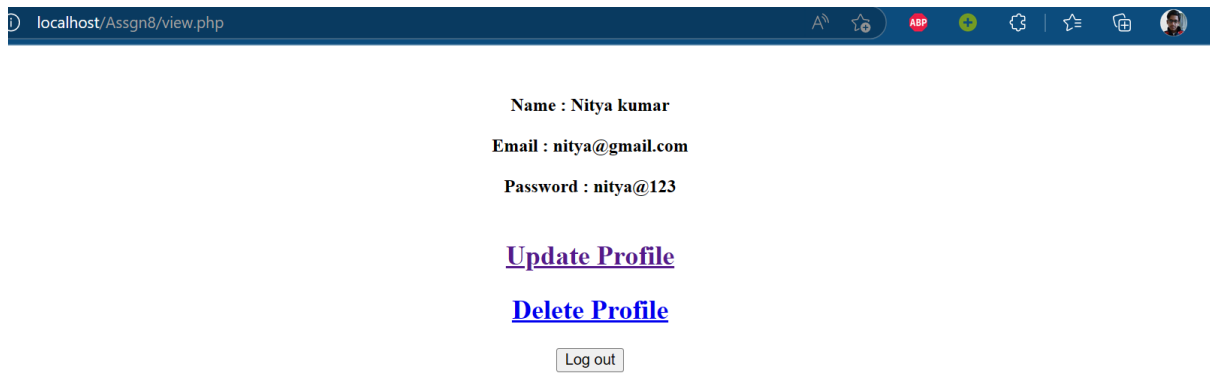
After clicking Update profile it will open this page where user will have there previous details and he can edit and submit it.

Update Profile

First Name: Nityanand

Last Name: kumar

Password: ••••••••

Confirm Password: ••••••••

Submit

Log out

After clicking submit button this message will be shown there.

Data Updated Successfully

Login Now

If user want to delete profile so he can click on delete profile.

Hello, Nityanand kumar

View Your Profile

Update Profile

Delete Profile

Log out

It will show confirmation message.

localhost/Assgn8/delete.php

Are you sure to delete your Account

YES   NO

If user will click on NO it will redirect back to welcome page.

Hello, Nityanand kumar

View Your Profile
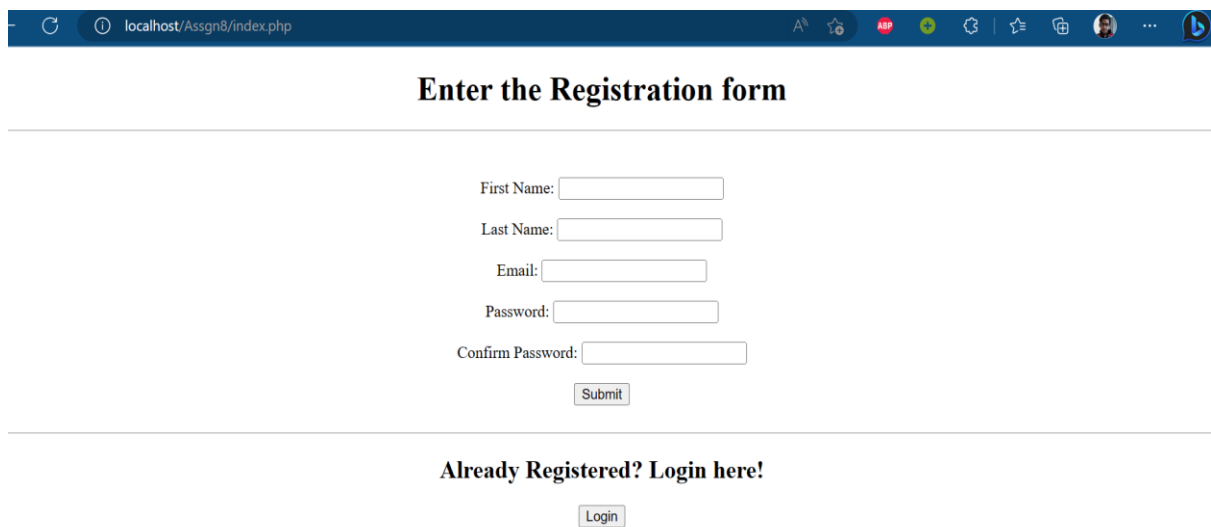
Update Profile

Delete Profile

Log out

If user will click on YES then Registration page will be open again

We can also see that in mysql now table become empty.

```
mysql> select * from users;
Empty set (0.00 sec)

mysql>
```

Now entering details of any other user.. and we can follow the same.

Enter the Registration form

First Name: Pradeep

Last Name: kumar

Email: prdp@gmail.com

Password: •••••••••

Confirm Password: •••••••••

Submit

Now filling wrong info here!

LOGIN Here 😊

Email: prdp@gmail.com

Password: 123

Submit

Not yet Registered? Register here

Register

It will show error.

Your Email or Password is invalid

Login Again

Now login using this user email and password

LOGIN Here 😊

Email: prdp@gmail.com

Password: •••••••••• 👁

Submit

Not yet Registered? Register here

Register

```
mysql> select * from users;
Empty set (0.00 sec)

mysql> select * from users;
+----+------------+-----------+------------------+------------+
| id | first_name | last_name | email            | password   |
+----+------------+-----------+------------------+------------+
|  3 | Pradeep    | kumar     | prdp@gmail.com   | 1234567890q |
+----+------------+-----------+------------------+------------+
1 row in set (0.00 sec)

mysql>
```

Logout functionality:

Hello, Pradeep kumar

View Your Profile

Update Profile

Delete Profile

Log out

Now it will redirect again on login page.

LOGIN Here 😊

Email: [_____]

Password: [_____]

[Submit]

Not yet Registered? Register here

[Register]

Email validation : if email format is not there!

Enter the Registration form

First Name: [Vansh_____]

Last Name: [kumar_____]

Email: [vanshgmailcom_____]

⚠ Please include an '@' in the email address. 'vanshgmailcom' is missing an '@'.

Confirm Password: [••••••••_____]

[Submit]

Already Registered? Login here!

[Login]

Code:

Index.php

```
<!DOCTYPE html>
```

```
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Formm</title>
</head>
<body>
    <center>
        <div class="container1">
            <h1>Enter the Registration form</h1> <hr> <br> <br>
            <form action="insert.php" method="post">
            <label>First Name:  </label>
            <input type="text"  name="first_name" value="" required/>
            <br> <br>
            <label >Last Name:  </label>
            <input type="text"  name="last_name" value=""  /> <br> <br>
            <label >Email: </label>
            <input type="text" name="email" value="" required/> <br> <br>
            <label >Password: </label>
            <input type="password" name="password" value="" required/> <br>
<br>
            <label >Confirm Password: </label>
            <input type="password"  name="confirm_password" value=""
required/> <br> <br>
            <input type="submit">

            </form>
            <br><hr>
            <h2>Already Registered? Login here! </h2>
            <a href="login.php"><button>Login</button></a>
        </div>
    </center>
</body>
```

Insert.php

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
```

```php
<?php
        $dbhost="localhost";
        $dbuser="root";
        $dbpass="Password";
        $dbname="dbtest";

        $conn=new mysqli($dbhost,$dbuser,$dbpass,$dbname);
        if($conn->connect_error){
            die("Connection failed: ". $conn->connect_error ."\n");
        }
        $first_name=$_POST['first_name'];
        // echo $first_name;
        $last_name=$_POST['last_name'];
        $email=$_POST['email'];
        $password=$_POST['password'];
        $confirm_password=$_POST['confirm_password'];

        if (!preg_match("/^[a-zA-Z-' ]*$/",$first_name)) {
            echo  "<h2>Only letters and white space allowed</h2>";
            exit();
        }
        if (!preg_match("/^[a-zA-Z-' ]*$/",$last_name)) {
            echo "<h2>Only letters and white space allowed</h2>";
            exit();
        }

        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            echo "<h2>Invalid email format</h2>";
            exit();
        }
        if($password!=$confirm_password){
            echo "<h2>Password and Confirm password should be same</h2>";
            exit();
        }
        if (strlen($password) < 8) {
            echo "Password too short!";
            exit();
        }

        if (!preg_match("#[0-9]+#", $password)) {
            echo "Password must include at least one number!";
            exit();
        }

        if (!preg_match("#[a-zA-Z]+#", $password)) {
            echo "Password must include at least one letter!";
            exit();
        }
```

```php
            $sql ="Insert into users
values(NULL,'$first_name','$last_name','$email','$password')";
            if(mysqli_query($conn,$sql)){
                echo "<h2>Data Stored Successfully</h2>";
                echo "<a href='login.php'><button>Login Now</button></a>";
            }
            else{
                echo "Error: ". mysqli_error($conn);
            }
            mysqli_close($conn);
    ?>
</body>
</html>
```

Login.php

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login</title>
</head>
<body>
    <center>
        <div>
            <h1>LOGIN Here☺</h1> <br> <hr><br>
            <form action="login_veri.php"  method="post">
            <label >Email: </label>
            <input type="text" name="email" value="" required/> <br>
<br>
            <label >Password: </label>
            <input type="password" name="password" value="" required/>
<br> <br>
            <input type="submit">
            </form>
            <br> <hr>
            <h2>Not yet Registered? Register here</h2>
            <a href="index.php"><button
action="index.php">Register</button></a>


        </div>
    </center>
```

```
</body>
</html>
```

Login_veri.php

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>

    <?php
        $dbhost="localhost";
        $dbuser="root";
        $dbpass="Password";
        $dbname="dbtest";

        $conn=new mysqli($dbhost,$dbuser,$dbpass,$dbname);
        if($conn->connect_error){
            die("Connection failed: ". $conn->connect_error ."\n");
        }
        $myemail = mysqli_real_escape_string($conn,$_POST['email']);
        $mypassword = mysqli_real_escape_string($conn,$_POST['password']);

        $sql = "SELECT id FROM users where email = '$myemail' and password =
'$mypassword'";
        $result = mysqli_query($conn,$sql);
        $row = mysqli_fetch_array($result,MYSQLI_ASSOC);
        $count = mysqli_num_rows($result);

        if($count == 1) {
            $id=$row['id'];
            session_start();
            $_SESSION['id']=$id;
            header("location: welcome.php");
        }else {
            echo "Your Login Name or Password is invalid<br/><br/>";
            echo "<a href='login.php'><button>Login Again</button></a>";
        }
        ?>
</body>
</html>
```

Welcome.php

```php
<?php
session_start();
$id = $_SESSION['id'];
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
</head>
<body>
    <center>
    <?php
        $dbhost="localhost";
        $dbuser="root";
        $dbpass="Password";
        $dbname="dbtest";
        $conn=new mysqli($dbhost,$dbuser,$dbpass,$dbname);
        if($conn->connect_error){
            die("Connection failed: ". $conn->connect_error ."\n");
        }
        $sql = "SELECT first_name,last_name,email FROM users where
id=$id";
        $result = mysqli_query($conn,$sql);
        $row = mysqli_fetch_assoc($result);
        $fname=$row['first_name'];
        $lname=$row['last_name'];
        $email=$row['email'];
        echo "<br/><h1>Hello, $fname $lname</h1><br/>";
        echo "<a href='view.php'><button>View Your
Profile</button></a>";
    ?>
    <h2><a href="update.php">Update Profile</a><br/></h2>
    <h2><a href="delete.php">Delete Profile</a><br/></h2>
    <form action="logout.php">
     <button type="submit">
        Log out
     </button>
 </form>
    </center>
</body>
</html>
```

Updata.php

```php
<?php
session_start();
$id = $_SESSION['id'];
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Formm</title>
</head>
<body>
    <?php
     $dbhost="localhost";
     $dbuser="root";
     $dbpass="Password";
     $dbname="dbtest";

     $conn=new mysqli($dbhost,$dbuser,$dbpass,$dbname);
     if($conn->connect_error){
         die("Connection failed: ". $conn->connect_error ."\n");
     }
     $sql = "SELECT first_name,last_name,password FROM users where
id=$id";
     $result = mysqli_query($conn,$sql);
     $row = mysqli_fetch_array($result,MYSQLI_ASSOC);
     $fname=$row['first_name'];
     $lname=$row['last_name'];
     $pwd=$row['password'];
    ?>
    <center>
        <div class="container1">
            <h1>Update Profile</h1> <hr> <br> <br>
            <form action="update_checker.php" method="post">
            <label>First Name:  </label>
            <input type="text"  name="first_name" value="<?php echo
$fname?>" required/>
            <br> <br>
            <label >Last Name:  </label>
            <input type="text"  name="last_name" value="<?php echo
$lname?>"   /> <br> <br>
```

```
                <label >Password: </label>
                <input type="password" name="password" value="<?php echo
$pwd?>" required/> <br> <br>
                <label >Confirm Password: </label>
                <input type="password"  name="confirm_password"
value="<?php echo $pwd?>" required/> <br> <br>
                <input type="submit">
                </form>
                <br><br>
<form action="logout.php">
    <button type="submit">
        Log out
    </button>
</form>
        </div>
    </center>
</body>
```

Update_checker.php

```php
<?php
session_start();
$id = $_SESSION['id'];
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
    $dbhost="localhost";
    $dbuser="root";
    $dbpass="Password";
    $dbname="dbtest";
    $conn=new mysqli($dbhost,$dbuser,$dbpass,$dbname);
    if($conn->connect_error){
        die("Connection failed: ". $conn->connect_error ."\n");
    }
    $first_name=$_POST['first_name'];
    $last_name=$_POST['last_name'];
```

```php
    $password=$_POST['password'];
    $confirm_password=$_POST['confirm_password'];

    if (!preg_match("/^[a-zA-Z-' ]*$/",$first_name)) {
        echo  "<h2>Only letters and white space allowed</h2>";
        exit();
    }
    if (!preg_match("/^[a-zA-Z-' ]*$/",$last_name)) {
         echo "<h2>Only letters and white space allowed</h2>";
         exit();
    }

    if($password!=$confirm_password){
        echo "<h2>Password and Confirm password should be same</h2>";
        exit();
    }
    $sql= "update users set
first_name='$first_name',last_name='$last_name',password='$password'
where id=$id";
    if(mysqli_query($conn,$sql)){
        echo "<h2>Data Updated Successfully</h2>";
        echo "<a href='login.php'><button>Login Now</button></a>";
    }
    else{
        echo "Error: ". mysqli_error($conn);
    }
    ?>
</body>
</html>
```

Delete.php

```php
<?php
session_start();
$id = $_SESSION['id'];
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
</head>
<body>
```

```
    <center>
        <h1>Are you sure to delete your Account</h1>
        <h2><span><a href="delete_confirmation.php">YES</a></span>
   
        <span><a href="welcome.php">NO</a></span> </h2>

    </center>
</body>
</html>
```

Delete_confirmation.php

```php
<?php
session_start();
$id = $_SESSION['id'];
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>

</head>
<body>
<?php
    $dbhost="localhost";
    $dbuser="root";
    $dbpass="Password";
    $dbname="dbtest";
    $conn=new mysqli($dbhost,$dbuser,$dbpass,$dbname);
    if($conn->connect_error){
        die("Connection failed: ". $conn->connect_error ."\n");
    }
    $sql= "delete from  users where id=$id";
    if(mysqli_query($conn,$sql)){
        header("location: login.php");
    }
    else{
        echo "Error: ". mysqli_error($conn);
    }
    ?>
</body>
</html>
```

View.php

```php
<?php
session_start();
$id = $_SESSION['id'];
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
    $dbhost="localhost";
    $dbuser="root";
    $dbpass="Password";
    $dbname="dbtest";
    $conn=new mysqli($dbhost,$dbuser,$dbpass,$dbname);
    if($conn->connect_error){
        die("Connection failed: ". $conn->connect_error ."\n");
    }

    $sql = "SELECT first_name,last_name,password,email FROM users
where id=$id";
    $result = mysqli_query($conn,$sql);
    $row = mysqli_fetch_array($result,MYSQLI_ASSOC);
    $fname=$row['first_name'];
    $lname=$row['last_name'];
    $pwd=$row['password'];
    $eml=$row['email'];
    echo "<center><br/><br/><b>Name : $fname
$lname</b><br/><br/></center>";
    echo "<center><b>Email : $eml</b><br/><br/></center>";
    echo "<center><b>Password : $pwd</b><br/><br/></center>";
    ?>
    <center>
        <div class="container1">

            <h2><a href="update.php">Update Profile</a><br/></h2>
            <h2><a href="delete.php">Delete Profile</a><br/></h2>
```

```
<form action="logout.php">
    <button type="submit">
        Log out
    </button>
</form>
        </div>
    </center>
</body>
</html>
```

Logout.php

```php
<?php
ini_set('display_errors', 1);
error_reporting(-1);
session_start();
 unset($_SESSION['ID']);
 unset($_SESSION['password']);
 unset($_SESSION['email']);
 session_destroy();
session_destroy();
$_SESSION['logged_in'] = false;

header("Location: login.php")
?>
```