Lab#5(b) Adding a external stylesheet to make registration form look elegant.

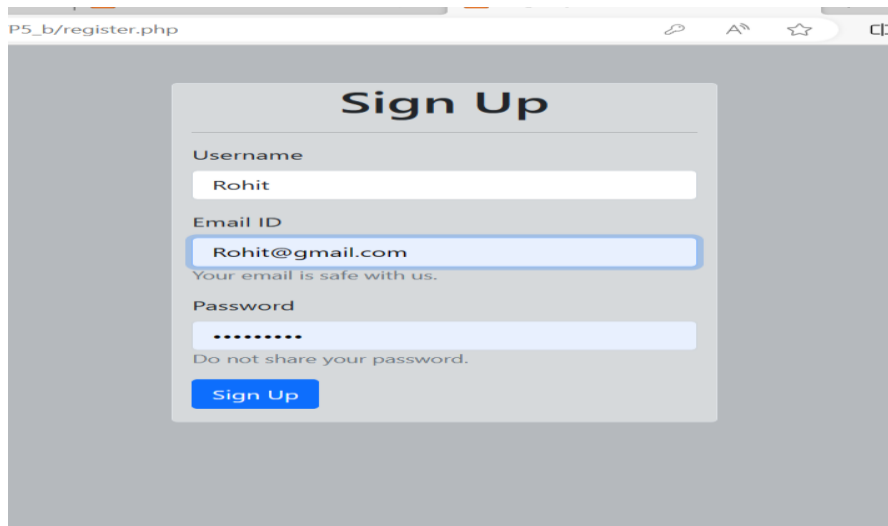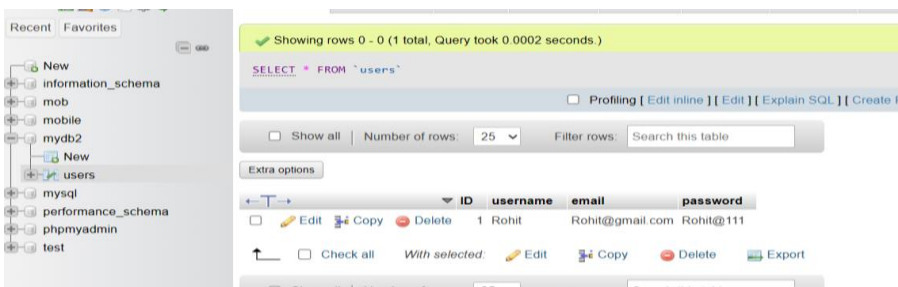| PROPERTY USED	ATTRIBUTES USED	DESCRIPTION
<?php	--	a server side scripting language that is embedded in HTML
$_POST[ ]	name, email, password	PHP $_POST is a PHP super global variable which is used to collect form data after submitting an HTML form
INSERT	--	used to insert values inside a particular table.
die( )	$conn	used to immediately terminate the execution of a script and display a specified message or error.
$conn	mysqli, connect_error	$CONN represents a database connection object. It is used when establishing a connection to a database server.
isset()		checks whether a variable is set, which means that it has to be declared and is not NULL
mysqli_query()	$conn,$query	accepts a string value representing a query as one of the parameters and, executes/performs the given query on the database.
mysqli_error	$conn	used to return the error in the most recent MySQL function call that failed
mysqli_fetch_array()		used to fetch rows from the database and store them as an array
$_SESSION[]	id,name,email	used to get or set the session id for the current session

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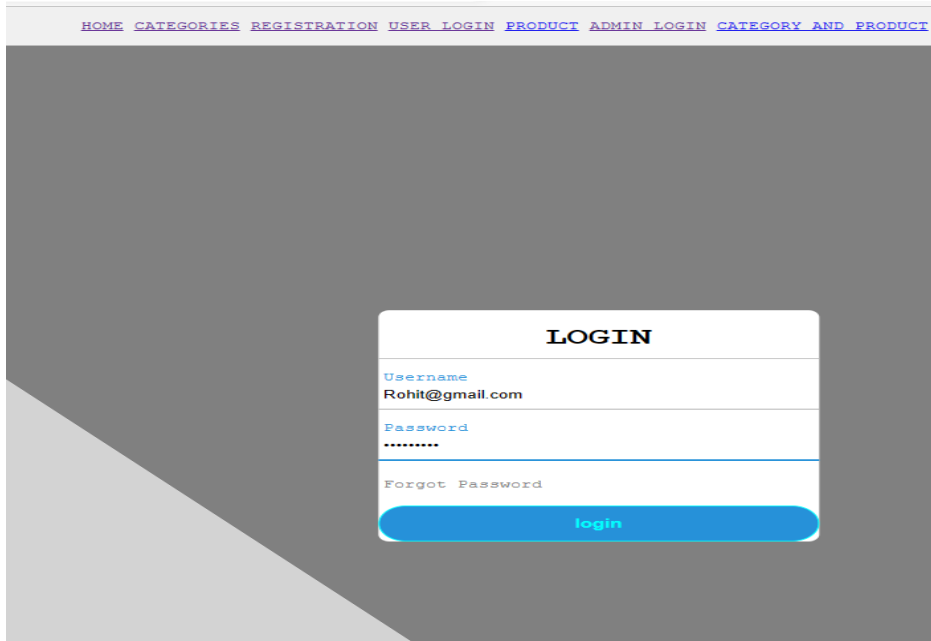| session_start()		creates a session or resumes the current one based on a session identifier passed via a GET or POST request.

Final Outcome:

Registeration Page

users table

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Login page

Dashboard

Code Snippet:

database.php

```php
<?php
  $host= 'localhost';
  $user= 'root';
  $password = "";
  $database = 'mydb2';

  $conn = mysqli_connect($host,$user,$password,$database);

  if (!$conn) {
```

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```php
    die("Connection failed: " . mysqli_connect_error());
  }

?>
```

register.php
```php
<?php
if (isset($_POST['signup'])) {
 $name = $_POST['name'];
 $email = $_POST['email'];
 $password = $_POST['password'];

 $query = "INSERT INTO users(username,email,password)
VALUES('{$name}','{$email}','{$password}')";
 $addUser = mysqli_query($conn, $query);

 if (!$addUser) {
   echo "Something went wrong" . mysqli_error($conn);
 } else {
   header('location: login.php');
 }
}
?>
```

login.php
```php
<?php session_start(); ?>
<?php

if (isset($_POST['signin'])) {
 $email = $_POST['email'];
 $password = $_POST['password'];

 $query = "SELECT * from users WHERE email = '$email' AND password = '$password'";
 $user = mysqli_query($conn, $query);
```

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```php
 if (!$user) {
   die('query Failed' . mysqli_error($conn));
 }

 while ($row = mysqli_fetch_array($user)) {

  $user_id = $row['ID'];
  $user_name = $row['username'];
  $user_email = $row['email'];
  $user_password = $row['password'];
}
 if ($user_email == $email  &&  $user_password == $password) {

  $_SESSION['id'] = $user_id;      // Storing the value in session
  $_SESSION['name'] = $user_name;   // Storing the value in session
  $_SESSION['email'] = $user_email; // Storing the value in session
  header('location: dashboard.php?user_id=' . $user_id);
 } else {
  header('location: login.php');
 }
}
?>
```

dashboard.php
```php
<?php session_start();      // Start the session ?>

<?php
if (!isset($_SESSION['id'])) {        // condition Check: if session is not set.
  header('location: login.php');   // if not set the user is sendback to login page.
}
?>
```