Lab#5(b) Implement registration page and login system with session management

Method/Query	Description
isset($_POST['full_name'], $_POST['mail'], $_POST['pswd'], $_POST['cpswd'], $_POST['number'], $_POST['add'], $_POST['gender'])	Checks if specific POST parameters are set.
mysqli_connect('localhost','root','','mobile_shopping')	Establishes a connection to the MySQL database.
mysqli_connect_errno()	Check for the error occurred in connection and returns boolean
mysqli_connect_error()	Returns error occurred during connection in string
insert into user (full_name, email, password, mobile_no, gender, address) values('$name', '$email', '$password', '$mobile_no', '$gen', '$address')	Insert the values into table
mysqli_query($conn,$query)	Executes the SQL query on the database.
setcookie("idPassword", $email . "|" . $password . "|" . $url, time() + 180, "/")	Sets a cookie with user identification and a URL.
mysqli_error($conn)	Returns error occurred during execution of query
"select email, password from user where email = ?"	Select the email and password column at the given email
$stmt = $conn->prepare($query);	Prepares an SQL statement for execution.

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$stmt->bind_param("s", $mail)	Binds variables to the prepared statement as parameters.
$stmt->execute()	Executes the prepared statement.
$stmt->bind_result($stored_mail,$stored_pswd)	Binds the result variables to the prepared statement.
$stmt->fetch();	Fetches the result of the prepared statement into the bound variables.
session_start()	Initializes a session or resumes the existing session.
$_SESSION['email'] = $stored_mail;	Stores the retrieved email in a session variable.

Final Outcome:
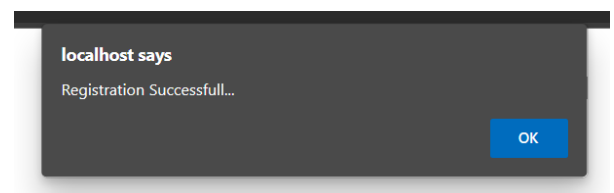
Registration:

Register Your Self

Full Name	Deep
Email	deepfaldu@gmail.com
Password	••••
Confirm Password	deep
Mobile	+918980708764
Gender	◉ Male ◯ Female
Address	cdw

Submit   Reset

localhost says

Registration Successfull...

OK

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Login:

Code Snippet:

Login.php

```php
<?php
  session_start();

  if(isset($_POST['email'], $_POST['password'])){
    $mail = $_POST['email'];
    $pswd = $_POST['password'];

    $conn = new mysqli('localhost','root','','mobile_shopping');

    if(mysqli_connect_errno()){
      die("Failed to connefct to MySQL: ". mysqli_connect_error());
    }

    $query = "select email, password from user where email = ?";
    $stmt = $conn->prepare($query);
```

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```php
$stmt->bind_param("s", $mail);

$stmt->execute();

$stmt->bind_result($stored_mail,$stored_pswd);

$stmt->fetch();

$stmt->close();


if($pswd == $stored_pswd){

    $_SESSION['email'] = $stored_mail;

    echo "<script>alert(\"Logged in successfully...\"); window.location.href =
\"Home.php\";</script>";

} else {

    echo "<script>alert(\"Invalid email or password.\");</script>";

}


    $conn->close();

  }
?>
```

Registration.php

```php
<?php
  if (isset($_POST['full_name'], $_POST['mail'], $_POST['pswd'], $_POST['cpswd'], $_POST['number'],
$_POST['add'], $_POST['gender'])) {

    $name = $_POST['full_name'];

    $email = $_POST['mail'];

    $password = $_POST['pswd'];

    $cpassword = $_POST['cpswd'];

    $mobile_no = $_POST['number'];

    $gen = $_POST['gender'];

    $address = $_POST['add'];
```

```php
    if($password == $cpassword && $gen != null){

        $conn = mysqli_connect('localhost','root','','mobile_shopping');

        if(mysqli_connect_errno()){

            die("Failed to connefct to MySQL: ". mysqli_connect_error());

        }



        $query = "insert into user (full_name, email, password, mobile_no, gender, address)
values('$name', '$email', '$password', '$mobile_no', '$gen', '$address')";



        if(mysqli_query($conn,$query)){

            $url = "http://localhost/AWT/Lab/Lab-3/Home.php";

            setcookie("idPassword", $email . "|" . $password . "|" . $url, time() + 180, "/");

            echo "<script>alert(\"Registration Successfull...\");</script>";

        } else {

            echo "<script>alert(\"".mysqli_error($conn)."\")<script>";

        }

    } else if($password != $cpassword){

        echo "<script>alert(\"Please enter the same password.\");</script>";

    }

  }
?>
```