LAB-7 WEB TECHNOLOGY

NAME:ELLURU AMRUTHA REGD NUMBER: 21BCE8405

- 1. Design a Registration page in HTML and CSS
- 2. Create a PHP page to read the data from form to PHP server program.
- 3. Create a script to a)create database b) create a table c) insert form data into table.
- 4. Fetch the user data from table and display in Html page.

HTML:

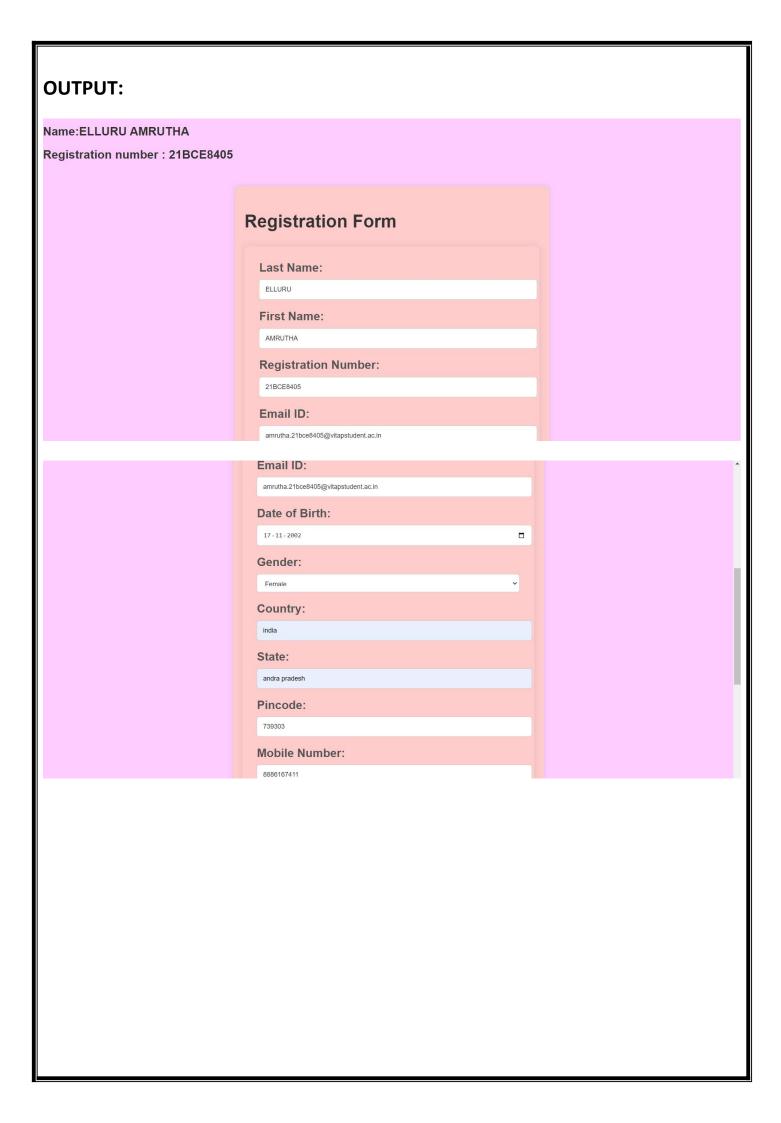
```
<!DOCTYPE html>
<html>
<head>
  <title>Registration Form fill</title>
<style>
    body {
      font-family: Arial, sans-serif;
      background-color: #ffccff;
      margin: 0;
      padding: 0;
      color: #333;
    }
    .container {
      background-color:#ffcccc;
      padding: 20px;
      border-radius: 10px;
      box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
      max-width: 600px;
      margin: 0 auto;
      margin-top: 50px;
    h1 {
      text-align: center;
      color: black;
      padding: 20px 0;
    form {
      background-color: light blue;
      padding: 30px;
      border-radius: 10px;
      box-shadow: 0px 0px 15px rgba(0, 0, 0, 0.1);
    label {
      display: block;
      margin-bottom: 10px;
      color: #555:
```

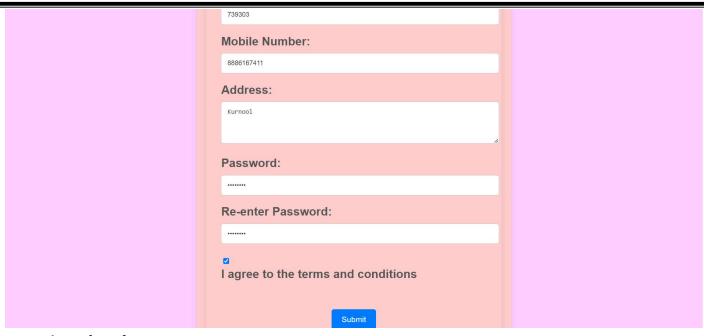
```
label {
  display: block;
  margin-bottom: 10px;
  color: #555;
  font-weight: bold;
input[type="text"],
input[type="email"],
input[type="date"],
input[type="tel"],
input[type="password"],
select,
textarea {
  width: 100%;
  padding: 12px;
  margin-bottom: 20px;
  border: 1px solid #ccc;
  border-radius: 5px;
  background-color: #ffffff;
  color: #333;
select {
  height: 38px;
textarea {
  resize: vertical;
input[type="checkbox"] {
 margin-right: 5px;
input[type="submit"] {
  display: block;
  margin: 20px auto;
```

```
resize: vertical;
    input[type="checkbox"] {
     margin-right: 5px;
    input[type="submit"] {
     display: block;
     margin: 20px auto;
      padding: 12px 20px;
      background-color: #007bff;
      color: #fff;
     border: none;
     border-radius: 5px;
     cursor: pointer;
     font-size: 16px;
    input[type="submit"]:hover {
     background-color: #0056b3;
    .name {
     color: #007bff;
  </style>
</head>
<body>
<h2>Name:ELLURU AMRUTHA <h2>
<h2>Registration number : 21BCE8405 <h2>
<div class="container">
  <h2>Registration Form</h2>
  <form action="insert_data.php" method="GET">
    <label for="last name">Last Name:</label>
    <input type="text" id="last name" name="last name" required><br>
    <label for="first name">First Name:</label>
    <input type="text" id="first name" name="first name" required><br>
```

```
<h2>Registration Form</h2>
<form action="insert_data.php" method="GET">
 <label for="last name">Last Name:</label>
 <input type="text" id="last_name" name="last_name" required><br>
 <label for="first name">First Name:</label>
 <input type="text" id="first name" name="first_name" required><br>
 <label for="reg number">Registration Number:</label>
 <input type="text" id="reg_number" name="reg_number" required><br>
 <label for="email">Email ID:</label>
 <input type="email" id="email" name="email" required><br>
 <label for="dob">Date of Birth:</label>
 <input type="date" id="dob" name="dob" required><br>
 <label for="gender">Gender:</label>
 <select id="gender" name="gender">
    <option value="male">Male</option>
   <option value="female">Female</option>
   <option value="other">Other</option>
 </select><br>
 <label for="country">Country:</label>
 <input type="text" id="country" name="country" required><br>
 <label for="state">State:</label>
 <input type="text" id="state" name="state" required><br>
 <label for="pincode">Pincode:</label>
 <input type="text" id="pincode" name="pincode" required><br>
 <label for="mobile">Mobile Number:</label>
 <input type="tel" id="mobile" name="mobile" required><br>
 <label for="address">Address:</label>
  <textarea id="address" name="address" rows="4" required></textarea><br>
```

```
<input type="email" id="email" name="email" required><br>
    <label for="dob">Date of Birth:</label>
    <input type="date" id="dob" name="dob" required><br>
    <label for="gender">Gender:</label>
    <select id="gender" name="gender">
      <option value="male">Male</option>
      <option value="female">Female</option>
      <option value="other">Other</option>
    </select><br>
    <label for="country">Country:</label>
    <input type="text" id="country" name="country" required><br>
    <label for="state">State:</label>
    <input type="text" id="state" name="state" required><br>
    <label for="pincode">Pincode:</label>
    <input type="text" id="pincode" name="pincode" required><br>
    <label for="mobile">Mobile Number:</label>
    <input type="tel" id="mobile" name="mobile" required><br>
    <label for="address">Address:</label>
    <textarea id="address" name="address" rows="4" required></textarea><br>
    <label for="password">Password:</label>
    <input type="password" id="password" name="password" required><br>
    <label for="reenter_password">Re-enter Password:</label>
    <input type="password" id="reenter_password" name="reenter_password" required><br>
    <input type="checkbox" id="terms" name="terms" required>
    <label for="terms">I agree to the terms and conditions</label><br>
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```





creating database:

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$conn = new mysqli($servername, $username, $password);
if ($conn->connect error) {
    die("Connection failed: " . $conn->connect_error);
$databaseName = "registration db";
$createDatabaseSQL = "CREATE DATABASE IF NOT EXISTS $databaseName";
if ($conn->query($createDatabaseSQL) === TRUE) {
    echo "Database created successfully.<br>";
} else {
    echo "Error creating database: " . $conn->error . "<br>";
$conn->select db($databaseName);
$createTableSQL = "CREATE TABLE IF NOT EXISTS registrations (
    id INT AUTO INCREMENT PRIMARY KEY,
    last name VARCHAR(50) NOT NULL,
    first_name VARCHAR(50) NOT NULL,
    reg_number VARCHAR(20) NOT NULL,
    email VARCHAR(100) NOT NULL,
    dob DATE NOT NULL,
    gender ENUM('male', 'female', 'other') NOT NULL,
    country VARCHAR(50) NOT NULL,
    state VARCHAR(50) NOT NULL,
    pincode VARCHAR(10) NOT NULL,
    mobile VARCHAR(15) NOT NULL,
   address TEXT NOT NULL
if ($conn->query($createTableSQL) === TRUE) {
    echo "Table created successfully.<br>";
} else {
    echo "Error creating table: " . $conn->error . "<br>";
?>
```

insert data in data base:

```
<!DOCTYPE html>
<html>
<head>
  <title>DISPLAYING THE DATA </title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f0f0f0;
      margin: 0;
      padding: 0;
      color: #333;
    .container {
      background-color: #ffffff;
      padding: 20px;
      border-radius: 10px;
      box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
      max-width: 1000px;
      margin: 0 auto;
      margin-top: 50px;
   h2 {
      align:center;
      color: #007bff;
      padding: 20px 0;
  </style>
</head>
<body>
<div class="container">
<?php
$servername = "localhost";
$username = "root";
$password = "";
$databaseName = "registration db";
$last_name = $_GET["last_name"];
$first_name = $_GET["first_name"];
$reg number = $ GET["reg number"].
```

```
$last_name = $_GET["last_name"];
$first_name = $_GET["first_name"];
$reg_number = $_GET["reg_number"];
$email = $_GET["email"];
$dob = $_GET["dob"];
$gender = $_GET["gender"];
$country = $_GET["country"];
$state = $_GET["state"];
$pincode = $_GET["pincode"];
$mobile = $_GET["mobile"];
$address = $_GET["address"];
// Reopen the connection for data insertion
$conn = new mysqli($servername, $username, $password, $databaseName);
 // Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
$insertSQL = "INSERT INTO registrations (last_name, first_name, reg_number, email, dob, gender, country, state, pincode, mobile, address)
VALUES ('$last_name', '$first_name', '$reg_number', '$email', '$dob', '$gender', '$country', '$state', '$pincode', '$mobile', '$address')";
if ($conn->query($insertSQL) === TRUE) {
       echo "Data inserted successfully.
       echo "Error inserting data: " . $conn->error;
          echo "<strong>Last Name:</strong> $last_name";
          echo "<strong>First Name://strong> first_name;
echo "<strong>First Name://strong> first_name;
echo "<strong>Registration Number:</strong> $reg_number;
          echo "strong>Email:

echo "sernog>Email:
$email;

echo "strong>Date of Birth:
$dob;

echo "strong>Gender:</strong> $gender;

          echo "<strong>Country:</strong> $country";
          echo "<strong>State:</strong> $state";
echo "<strong>Pincode:</strong> $pincode";
          echo "<strong>Mobile:</strong> $mobile";
$state = $_GET["state"];
$pincode = $_GET["pincode"];
$mobile = $_GET["mobile"];
$address = $_GET["address"];
    Reopen the connection for data insertion
$conn = new mysqli($servername, $username, $password, $databaseName);
    Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
finsertSQL = "INSERT INTO registrations (last_name, first_name, reg_number, email, dob, gender, country, state, pincode, mobile, address)
VALUES ('$last_name', '$first_name', '$reg_number', '$email', '$dob', '$gender', '$country', '$state', '$pincode', '$mobile', '$address')";
VALUES ('$last_name', '$first_name',
if ($conn->query($insertSQL) === TRUE) {
   echo "Data inserted successfully.";
} else {
      echo "Error inserting data: " . $conn->error;
          echo "<strong>Last Name:</strong> $last name";
          echo "<strong>First Name:</strong> $first_name";
          echo "qp/strong?First name.\?p\";
echo "qp/strong?Registration Number:</strong> $reg_number";
echo "qp><strong?Email:</strong> $email";
          echo "<strong>Date of Birth:</strong> $dob";
          echo "<strong>Gender:</strong> $gender;
echo "<strong>Country:</strong> $country;
          echo "<strong>State:</strong> $state";
          echo "<strong>Pincode:</strong> $pincode";
echo "<strong>Mobile:</strong> $mobile";
          echo "<strong>Address:</strong> $address";
// Close connection
$conn->close();
</body>
</html>
```

Output:

Data inserted successfully.

Last Name: ELLURU

First Name: AMRUTHA

Registration Number: 21BCE8405

Email: amrutha.21bce8405@vitapstudent.ac.in

Date of Birth: 2002-11-17

Gender: female

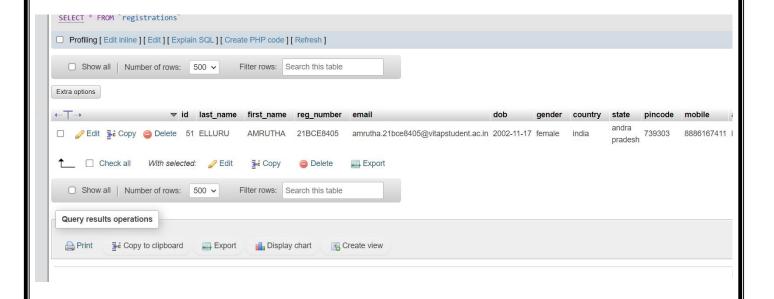
Country: india

State: andra pradesh

Pincode: 739303

Mobile: 8886167411

Address: Kurnool



retrive the data from database:

```
<!DOCTYPE html>
<html>
<head>
    <title>Fetch User Data by Registration Number</title>
<style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f0f0f0;
      margin: 0;
      padding: 0;
      color: #333;
    .container {
      background-color: #ffffff;
      padding: 20px;
      border-radius: 10px;
      box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
      max-width: 1000px;
      margin: 0 auto;
      margin-top: 50px;
    h2 {
      color: #007bff;
      padding: 20px 0;
  </style>
</head>
<body>
    <h2>Fetch User Data by Registration Number</h2>
    <form method="post">
        <label for="registration_number">Enter Registration Number:</label>
        <input type="text" id="registration_number" name="registration_number" required>
<input type="submit" value="Fetch Data">
    </form>
```

```
<input type="text" id="registration number" name="registration number" required>
        <input type="submit" value="Fetch Data">
    </form>
    <?php
     $servername = "localhost";
$username = "root";
$password = "";
$dbname = "registration_db";
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        $registration_number = $_POST["registration_number"];
        // Create connection
        $conn = new mysqli($servername, $username, $password, $dbname);
        // Check connection
        if ($conn->connect_error) {
            die("Connection failed: " . $conn->connect_error);
        // Fetch user data by registration number
$sql_select_record = "SELECT * FROM registrations WHERE reg_number = '$registration_number'";
        $result = $conn->query($sql_select_record);
        if ($result->num_rows > 0) {
            $row = $result->fetch assoc();
            echo "<h2>User Data for Registration Number: $registration_number</h2>";
            echo "<strong>Last Name:</strong> " . $row["last_name"] . "";
            echo "<strong>First Name:</strong> " . $row["first_name"] . "";
            // Include other fields here
        } else {
            echo "No records found for Registration Number: $registration_number.";
        $conn->close();
</body>
</html>
```

OUTPUT:

Fetch User Data by Registration Number

Enter Registration Number: Fet	etch Data
--------------------------------	-----------

User Data for Registration Number: 21BCE8405

Last Name: ELLURU

First Name: AMRUTHA