



LA GRANDEE INTERNATIONAL COLLEGE

Simalchaur – 8, Pokhara

Assignment-second

Web tech-II

Submitted By:

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Semester: Sixth semester

Roll No: 18

Submitted To:-

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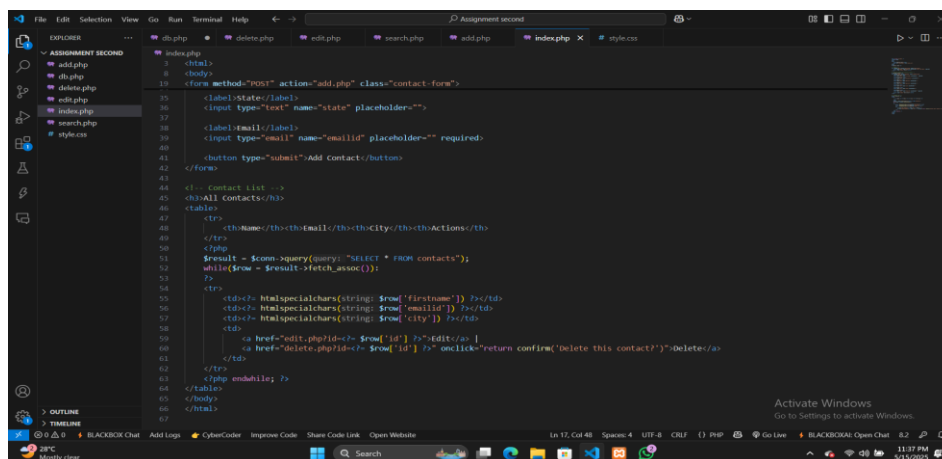
Date :- 15 May , 2025

Instructions

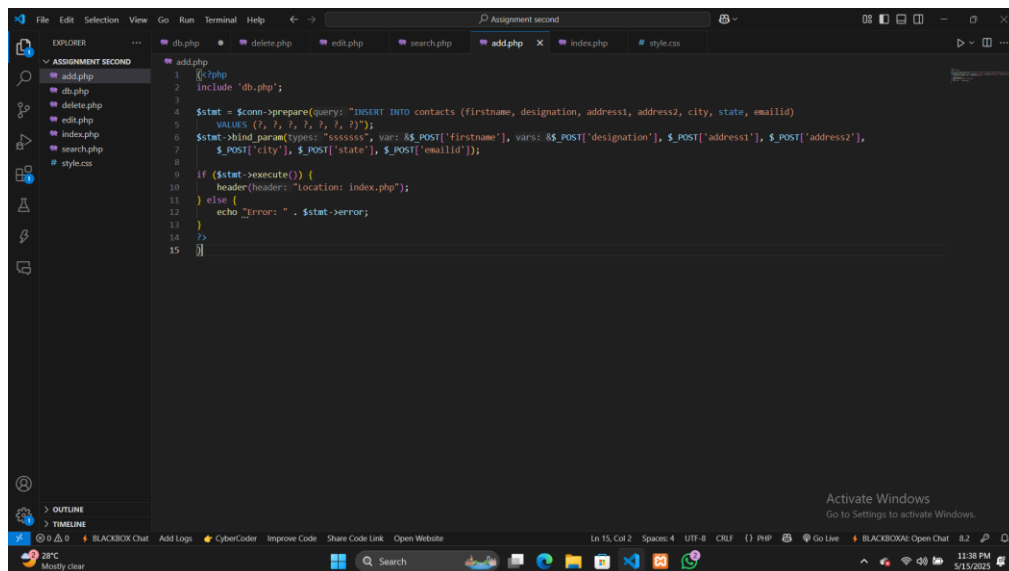
Design a web application using PHP to perform all the Database operations.

- Create an address book web application that allows the user to store and retrieve several mailing lists from MySQL database. The address book contains firstname, designation, address1, address2, City, State, emailid. user can add, update and delete all address information's in the database. Implement search operation with emailid, when emailid is given it return an HTML page with all the complete address information .

1) Index.php

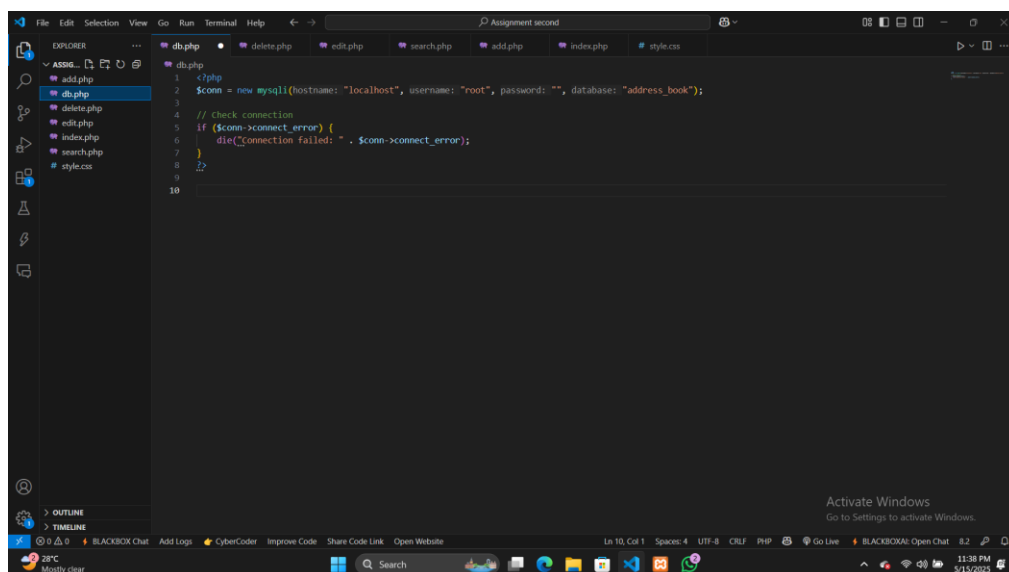


2) Add.php



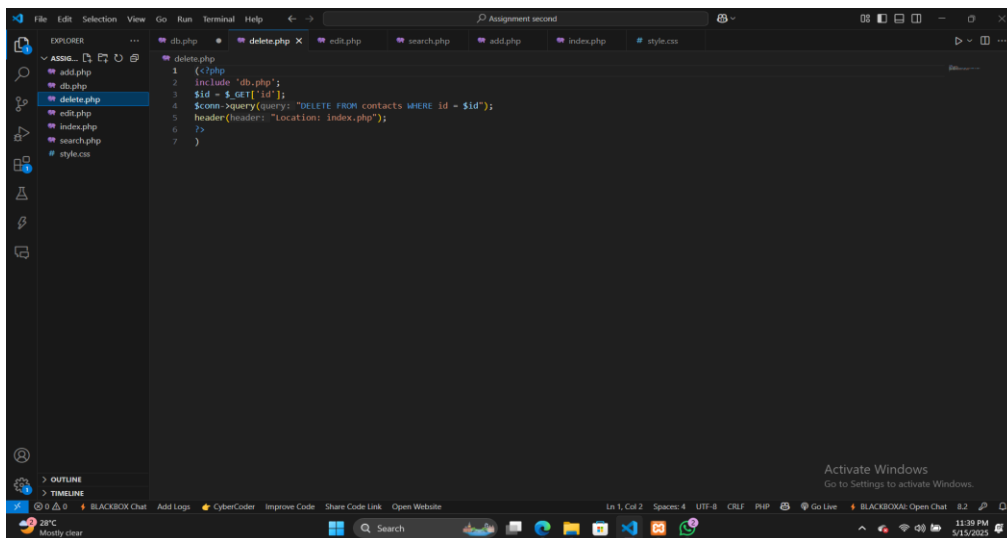
```
1 <?php
2 include 'db.php';
3
4 $stmt = $conn->prepare(query: "INSERT INTO contacts (firstname, designation, address1, address2, city, state, emailid)
5     VALUES (?, ?, ?, ?, ?, ?, ?)");
6 $stmt->bind_param(types: "sssssss", vars: $_POST['firstname'], vars: $_POST['designation'], $_POST['address1'], $_POST['address2'],
7     $_POST['city'], $_POST['state'], $_POST['emailid']);
8
9 if ($stmt->execute()) {
10     header(header: "Location: index.php");
11 } else {
12     echo "Error: " . $stmt->error;
13 }
14 ?>
15 }
```

3) Db.php



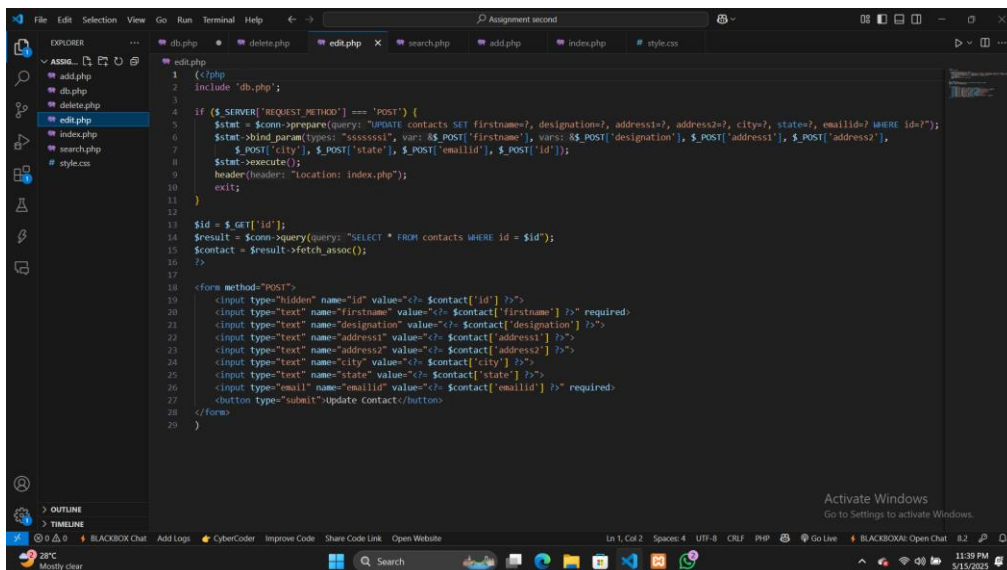
```
1 <?php
2 $conn = new mysqli(hostname: "localhost", username: "root", password: "", database: "address_book");
3
4 // Check connection
5 if ($conn->connect_error) {
6     die("Connection failed: " . $conn->connect_error);
7 }
8 ?>
9
10
```

4) Delete.php



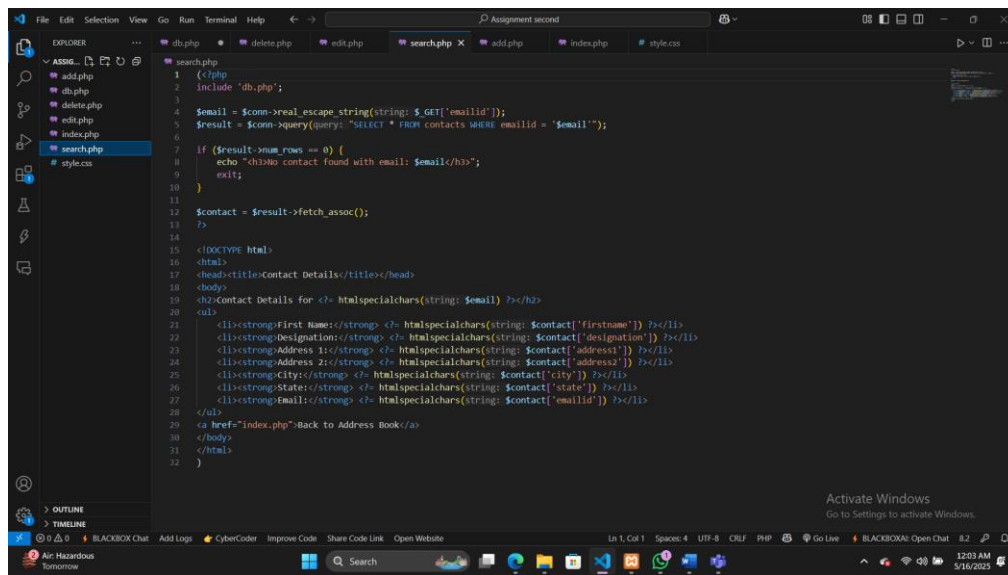
```
1 </php>
2 include 'db.php';
3 $id = $_GET['id'];
4 $conn->query(query: "DELETE FROM contacts WHERE id = $id");
5 header(headers: "Location: index.php");
6 ?>
7 )
```

5) Edit.php



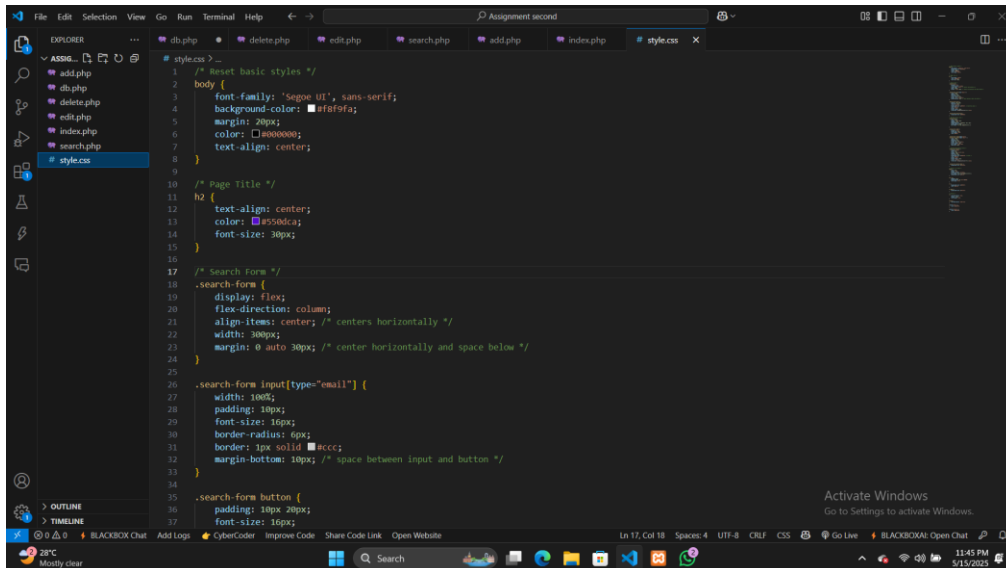
```
1 </php>
2 include 'db.php';
3
4 if ($SERVER['REQUEST_METHOD'] === 'POST') {
5     $stmt = $conn->prepare(query: "UPDATE contacts SET firstname=?, designation=?, address1=?, address2=?, city=?, state=?, email=? WHERE id=?");
6     $stmt->bind_param(types: "sssssssi", vars: $_POST['firstname'], vars: $_POST['designation'], $_POST['address1'], $_POST['address2'],
7     $_POST['city'], $_POST['state'], $_POST['emailid'], $_POST['id']);
8     $stmt->execute();
9     header(headers: "Location: index.php");
10    exit;
11 }
12
13 $id = $_GET['id'];
14 $result = $conn->query(query: "SELECT * FROM contacts WHERE id = $id");
15 $contact = $result->fetch_assoc();
16
17
18 <form method="POST">
19     <input type="hidden" name="id" value="<?> $contact['id'] ?>" />
20     <input type="text" name="firstname" value="<?> $contact['firstname'] ?>" required;
21     <input type="text" name="designation" value="<?> $contact['designation'] ?>" />
22     <input type="text" name="address1" value="<?> $contact['address1'] ?>" />
23     <input type="text" name="address2" value="<?> $contact['address2'] ?>" />
24     <input type="text" name="city" value="<?> $contact['city'] ?>" />
25     <input type="text" name="state" value="<?> $contact['state'] ?>" />
26     <input type="email" name="emailid" value="<?> $contact['emailid'] ?>" required;
27     <button type="submit">Update Contact</button>
28 </form>
29 )
```

6) search.php

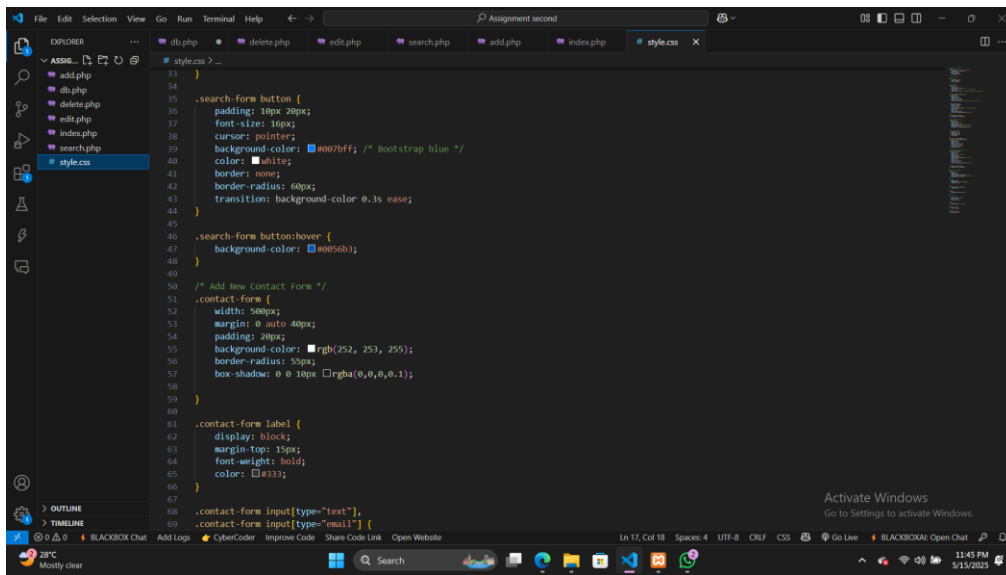


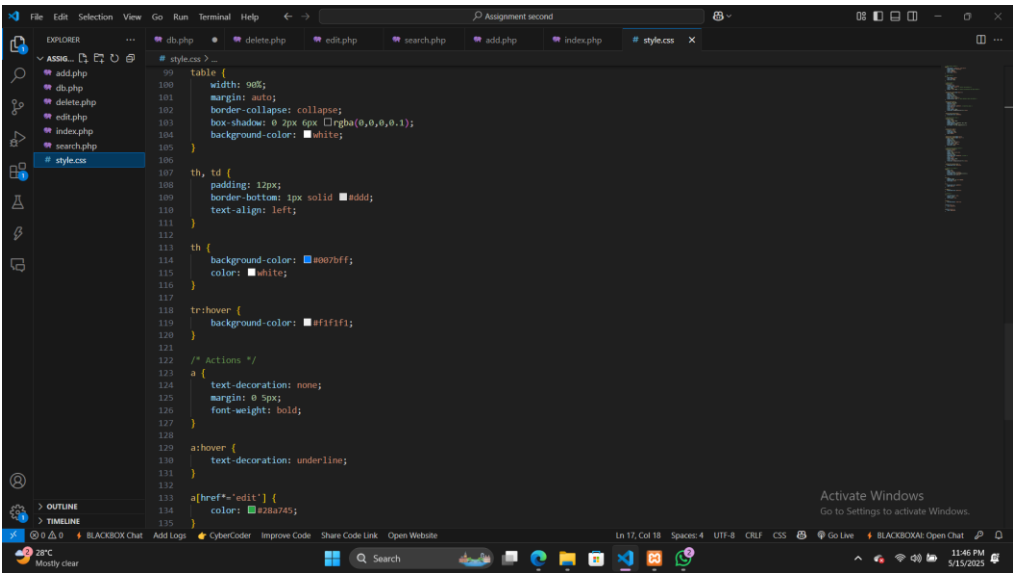
```
1 <?php
2 include 'db.php';
3
4 $email = $conn->real_escape_string(string: $_GET['emailid']);
5 $result = $conn->query(query: "SELECT * FROM contacts WHERE emailid = '$email'");
6
7 if ($result->num_rows == 0) {
8     echo "<h3>No contact found with email: $email</h3>";
9     exit;
10 }
11
12 $contact = $result->fetch_assoc();
13 }
14
15 <!DOCTYPE html>
16 <html>
17 <head><title>Contact Details</title></head>
18 <body>
19 <h2>Contact Details for <?> htmlspecialchars(string: $email) ?</h2>
20 <ul>
21 <li><strong>First Name:</strong> <?> htmlspecialchars(string: $contact['firstname']) ?</li>
22 <li><strong>Designation:</strong> <?> htmlspecialchars(string: $contact['designation']) ?</li>
23 <li><strong>Address 1:</strong> <?> htmlspecialchars(string: $contact['address1']) ?</li>
24 <li><strong>Address 2:</strong> <?> htmlspecialchars(string: $contact['address2']) ?</li>
25 <li><strong>City:</strong> <?> htmlspecialchars(string: $contact['city']) ?</li>
26 <li><strong>State:</strong> <?> htmlspecialchars(string: $contact['state']) ?</li>
27 <li><strong>Email:</strong> <?> htmlspecialchars(string: $contact['emailid']) ?</li>
28 </ul>
29 <a href='index.php'>Back to Address Book</a>
30 </body>
31 </html>
32 )
```

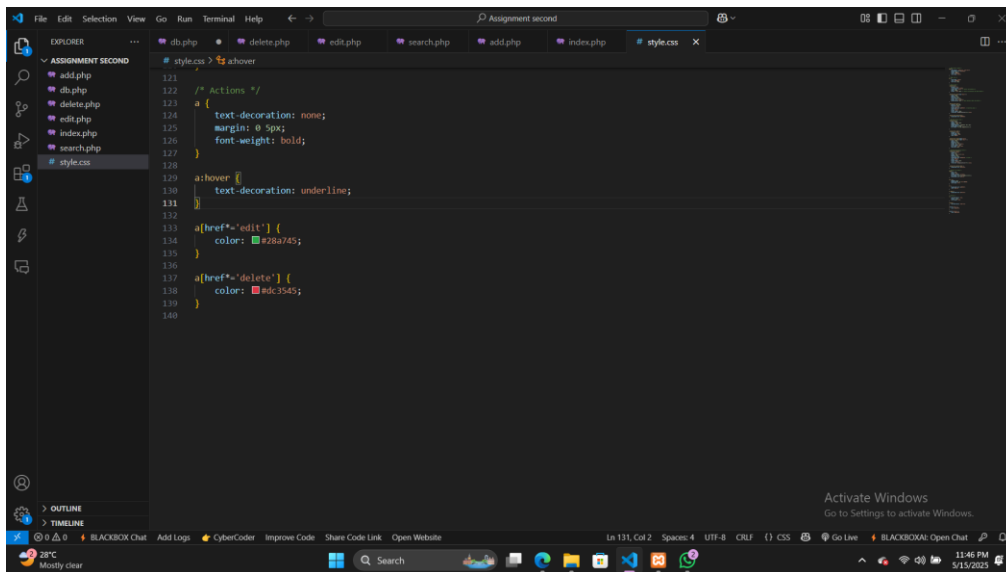
7) Style.css



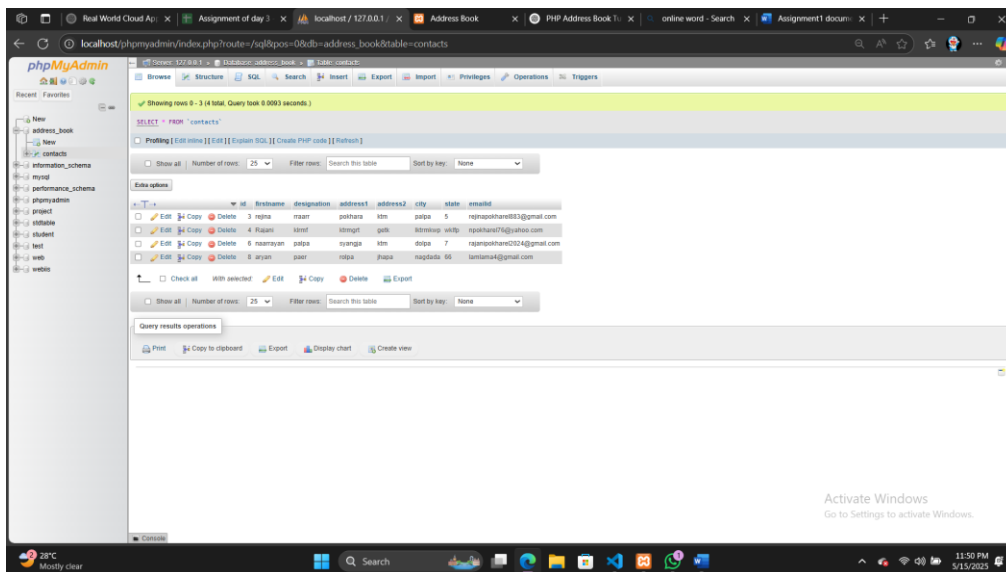
```
1  /* Reset basic styles */
2  body {
3      font-family: 'Segoe UI', sans-serif;
4      background-color: #f0f0f0;
5      margin: 20px;
6      color: #000000;
7      text-align: center;
8  }
9
10 /* Page Title */
11 h2 {
12     text-align: center;
13     color: #555555;
14     font-size: 30px;
15 }
16
17 /* Search Form */
18 .search-form {
19     display: flex;
20     flex-direction: column;
21     align-items: center; /* centers horizontally */
22     width: 300px;
23     margin: 0 auto 30px; /* center horizontally and space below */
24 }
25
26 .search-form input[type="email"] {
27     width: 100%;
28     padding: 10px;
29     font-size: 16px;
30     border-radius: 6px;
31     border: 1px solid #cccccc;
32     margin-bottom: 10px; /* space between input and button */
33 }
34
35 .search-form button {
36     padding: 10px 20px;
37     font-size: 16px;
```







Result :-



Real World Cloud Ap...Assignment of day 3localhost / 127.0.0.1Address BookPHP Address Book 1online word - SearchAssignment1 docum...localhost/Assignment%20second/index.php?edit=8

Address Book

Search by Email

Search

Add New Contact

First Name

Designation

Address 1

Address 2

City

State

Email

Add Contact

Activate Windows
Go to Settings to activate Windows.

All Contacts

Real World Cloud Ap...Assignment of day 3localhost / 127.0.0.1Address BookPHP Address Book 1online word - SearchAssignment1 docum...localhost/Assignment%20second/index.php?edit=8

First Name

Designation

Address 1

Address 2

City

State

Email

Add Contact

All Contacts

Name	Email	City	Actions
rejina	reginapokhare83@gmail.com	palpa	Edit Delete
Rajani	rpokhare76@yahoo.com	littmkwap	Edit Delete
naarayan	rajanipokhare2024@gmail.com	dolpa	Edit Delete
ariyan	lamlama4@gmail.com	nagdiada	Edit Delete

Activate Windows
Go to Settings to activate Windows.

Real World Cloud Ap...Assignment of day 3localhost / 127.0.0.1Address BookPHP Address Book 1online word - SearchAssignment1 docum...localhost/Assignment%20second/index.php?edit=8

Address Book

Search by Email

Search

Add New Contact

First Name

Designation

Address 1

Address 2

City

State

Email

Add Contact

Activate Windows
Go to Settings to activate Windows.

All Contacts

Real World Cloud Ap...Assignment of day 3...localhost / 127.0.0.1 /...Address Book...PHP Address Book 1...online word - Search...Assignment1 docum...localhost/Assignment%20second/index.php?edit=8

First Name

Designation

Address 1

Address 2

City

State

Email

Add Contact

All Contacts

Name	Email	City	Actions
rejina	rejinapokhare883@gmail.com	palga	Edit Delete
Rajani	rpokhare75@yahoo.com	iktrmkwp	Edit Delete
naarayan	rajanipokhare2024@gmail.com	dolpa	Edit Delete
aryan	lamima4@gmail.com	nagdada	Edit Delete

Activate Windows
Go to Settings to activate Windows.

Real World Cloud Ap...Assignment of day 3...localhost / 127.0.0.1 /...Contact Details...PHP Address Book 1...online word - Search...Assignment1 docum...localhost/Assignment%20second/search.php?emailid=rejinapokhare883@gmail.com

Contact Details for rejinapokhare883@gmail.com

- First Name: rejina
- Designation: rnar
- Address 1: pokhara
- Address 2: km
- City: palga
- State: 5
- Email: rejinapokhare883@gmail.com

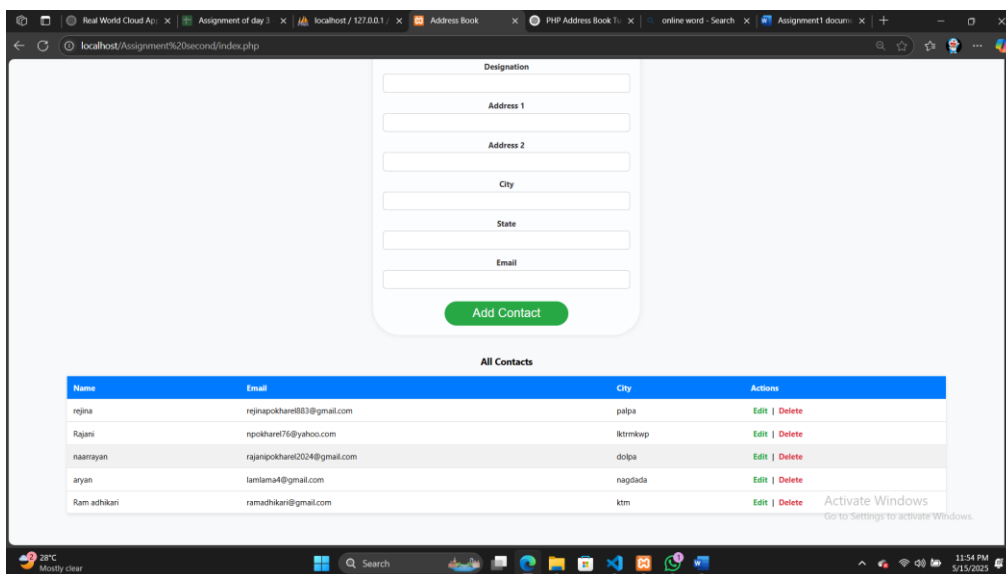
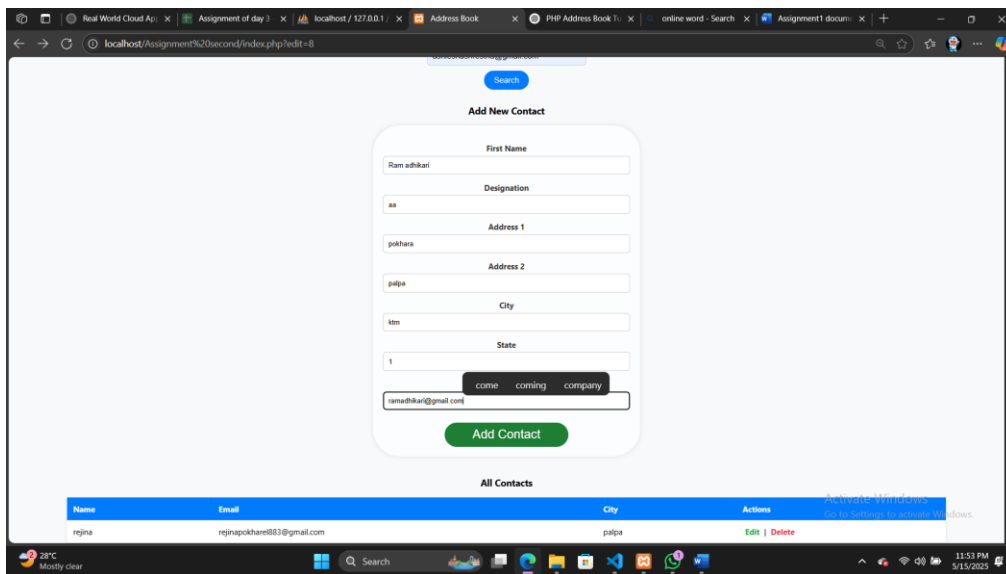
[Back to Address Book](#)

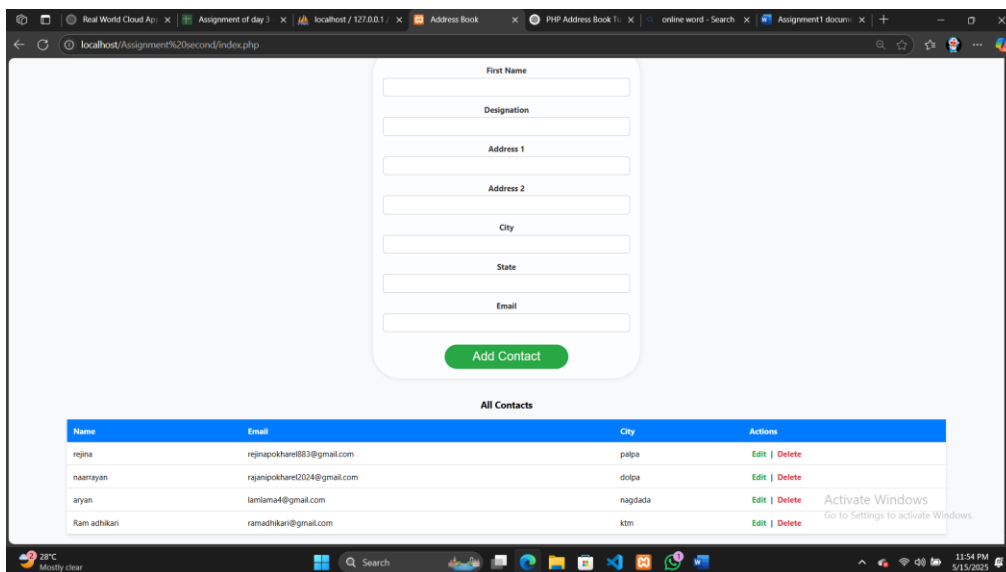
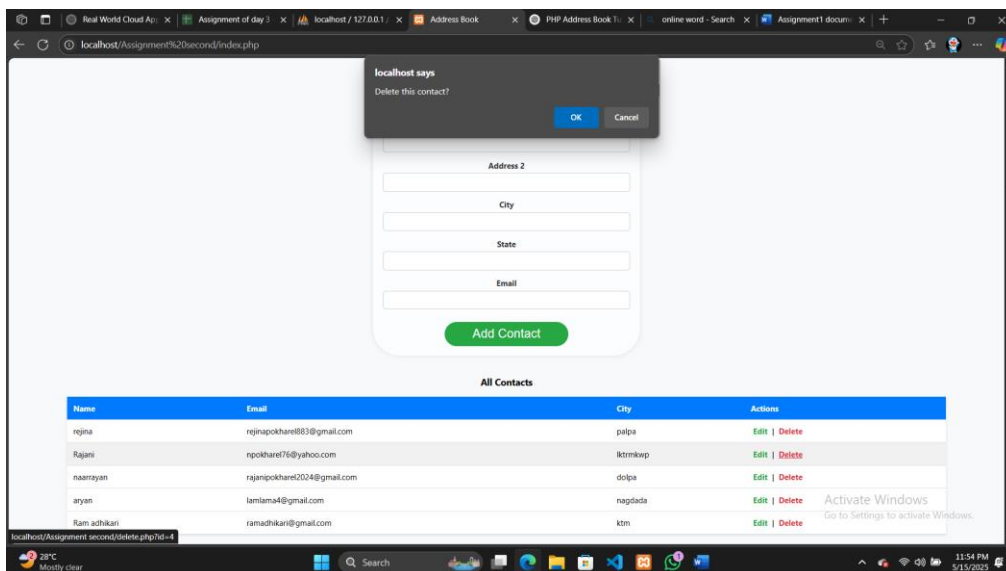
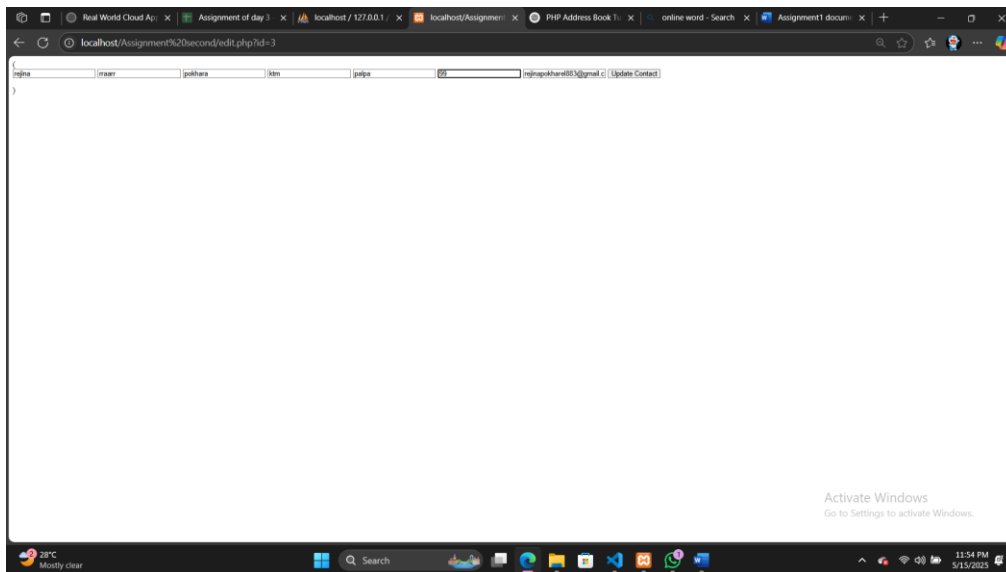
Activate Windows
Go to Settings to activate Windows.

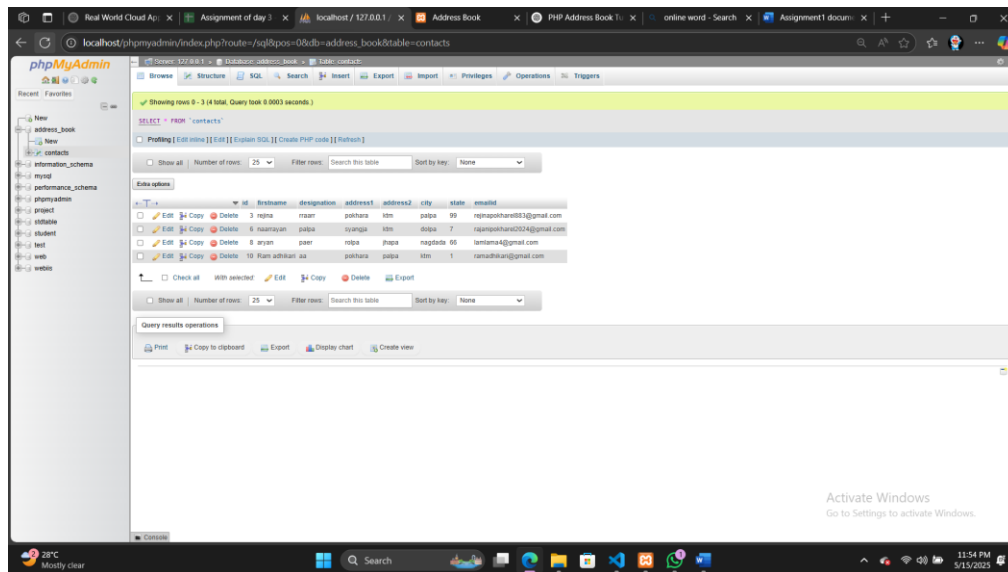
Real World Cloud Ap...Assignment of day 3...localhost / 127.0.0.1 /...localhost/Assignmen...PHP Address Book 1...online word - Search...Assignment1 docum...localhost/Assignment%20second/search.php?emailid=ashleshrestha@gmail.com

No contact found with email: ashleshrestha@gmail.com

Activate Windows
Go to Settings to activate Windows.







Conclusion :

This form is a simple and user-friendly **Address Book** tool that allows users to **add, search, view, edit, and delete** contacts easily