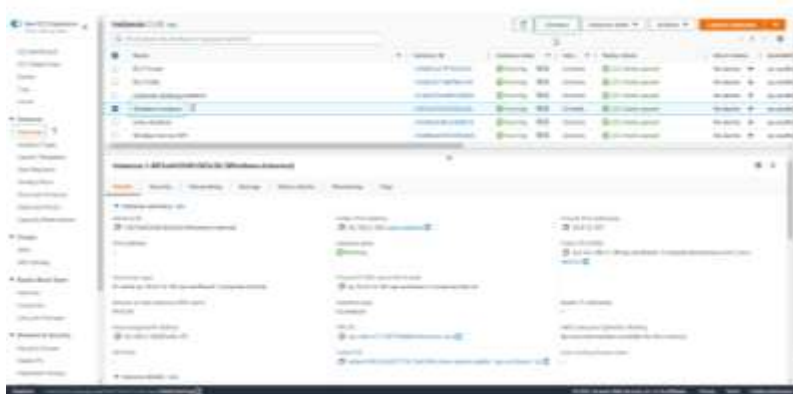


PRACTICAL-9

Aim: Write the process to install Xamp server and host a webpage on your remote desktop.

Implementation Steps

1. Access your EC2 instance:
 - Navigate to the EC2 console
 - Select Instances from the navigation pane
 - Locate and select your Windows-instance
 - Review the configuration details in the lower panel



2. Connect to your Windows Server instance:

- Access the **Remote Desktop Connection** interface
- If you haven't connected yet, follow the connection steps from the EC2 console



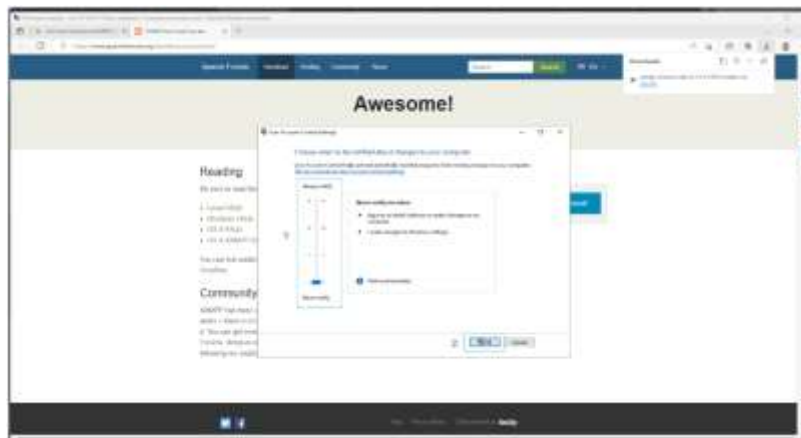
3. Download and install XAMPP:

- Visit the official XAMPP website at <https://www.apachefriends.org/download.html>
- Download the latest version compatible with Windows



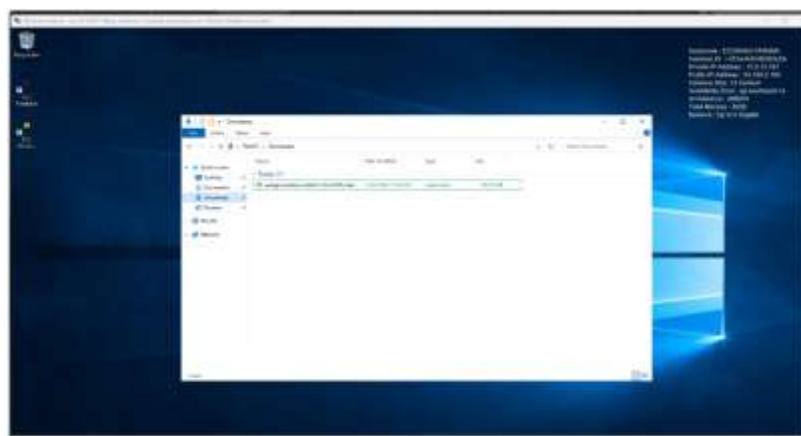
4. Adjust User Account Control (UAC) settings:

- This allows XAMPP to function properly with administrative privileges



5. Complete the XAMPP installation wizard:

- Follow the on-screen instructions to install XAMPP
- Accept the default installation options unless you have specific requirements





6.Finalize the installation:

- Click **Finish** to complete the setup process
- The XAMPP Control Panel will launch automatically



7.Configure XAMPP services:

- In the **XAMPP Control Panel**, start the following services:
 - **Apache** web server (using port 80 or 443)
 - **MySQL** database server (using port 3306)
- Ensure both services show a green status indicator



8. Access phpMyAdmin:

- Open your web browser and navigate to <http://localhost/phpmyadmin>
- Log in with the default credentials:
 - **Username:** root
 - **Password:** (leave blank)

9. Create a new database:

- In the phpMyAdmin interface, select **New** from the left navigation panel



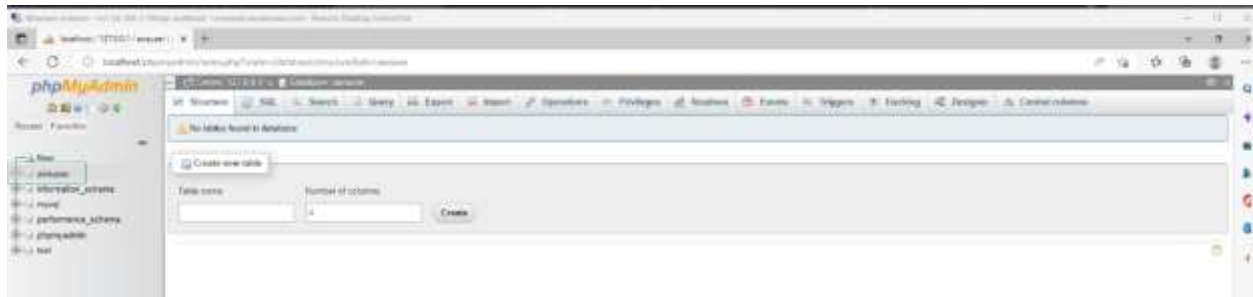
10. Configure the database:

- Enter **awsuser** as the database name
- Click **Create** to generate the new database



11. Verify database creation:

- The new database should appear in the left navigation panel



Creating the Database Schema

12. Execute the SQL schema:

- Select the **awsuser** database from the left panel
- Click the **SQL** tab in the main interface
- Enter the following SQL query to create the user table:

SQL Query (run in phpMyAdmin):

```
CREATE TABLE user (
  id INT AUTO_INCREMENT PRIMARY KEY,
  username VARCHAR(50),
  email VARCHAR(100),
  password VARCHAR(100)
);
```

PHP Code (to display data on web page):

```
<?php
$conn = new mysqli("localhost", "root", "", "awsuser");
$sql = "SELECT * FROM user";
$result = $conn->query($sql);
echo "<h2>User Table Data</h2>";
echo "<table border='1'>
<tr><th>ID</th><th>Username</th><th>Email</th></tr>";
while($row = $result->fetch_assoc()) {
  echo "<tr><td>".$row['id']. "</td><td>".$row['username']. "</td><td>".$row['email']. "</td></tr>";
}
echo "</table>";
$conn->close();
?>
```