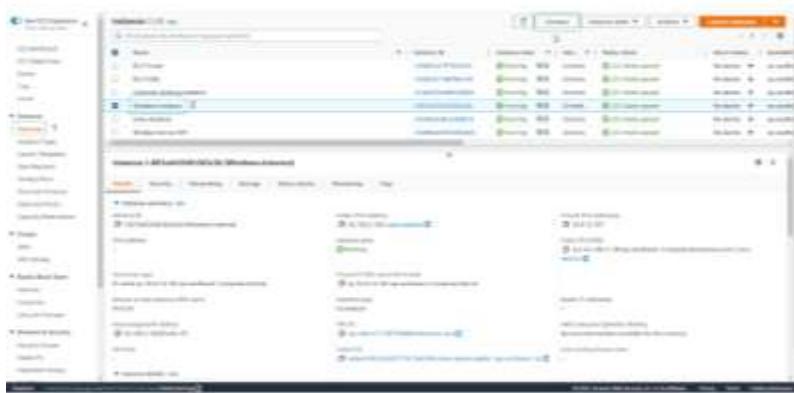


## PRACTICAL-9

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

### Implementation Steps

1. Access your EC2 instance:
  - o Navigate to the EC2 console
  - o Select Instances from the navigation pane
  - o Locate and select your Windows-instance
  - o 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:

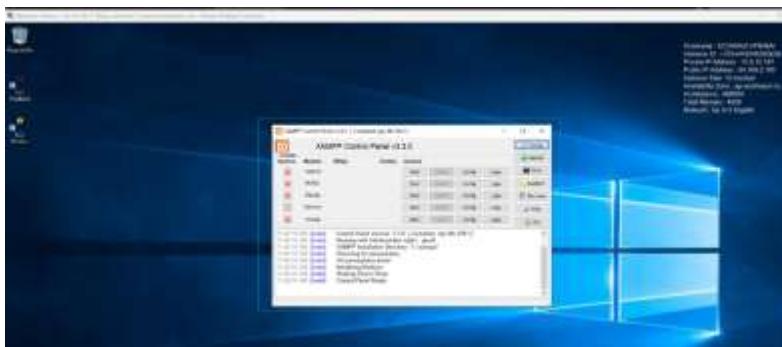
- Follow the on-screen instructions to install XAMPP
- Accept the default installation options unless you have specific requirements





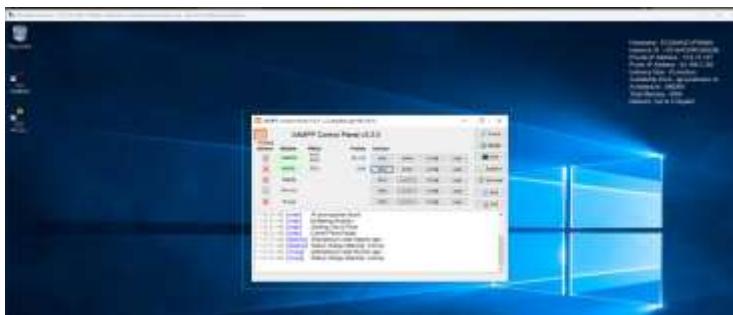
#### 6.Finalize the installation:

- 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)

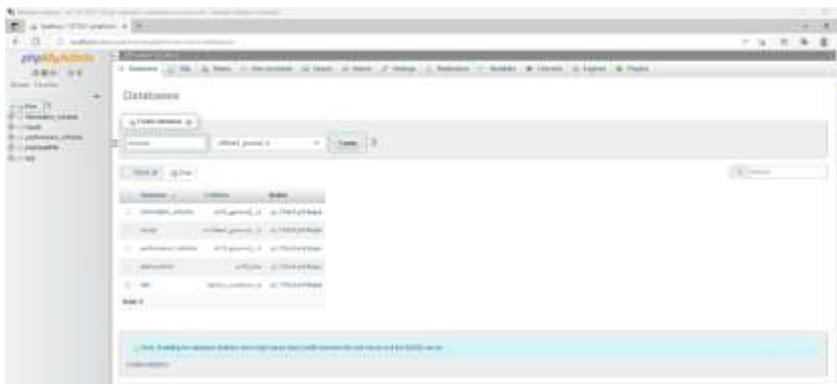
### 9.Create a new database:

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



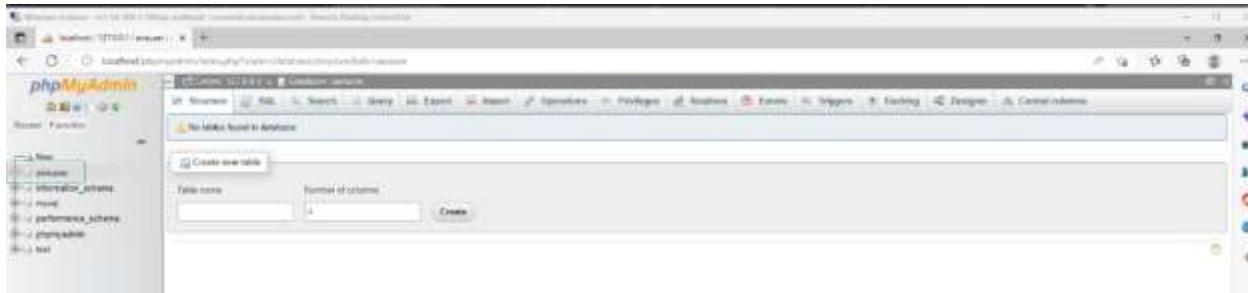
#### 10. Configure the database:

- 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();
?>
```