ASSIGNMENT - 2

FLASK APPLICATION INTEGRATION WITH DB2
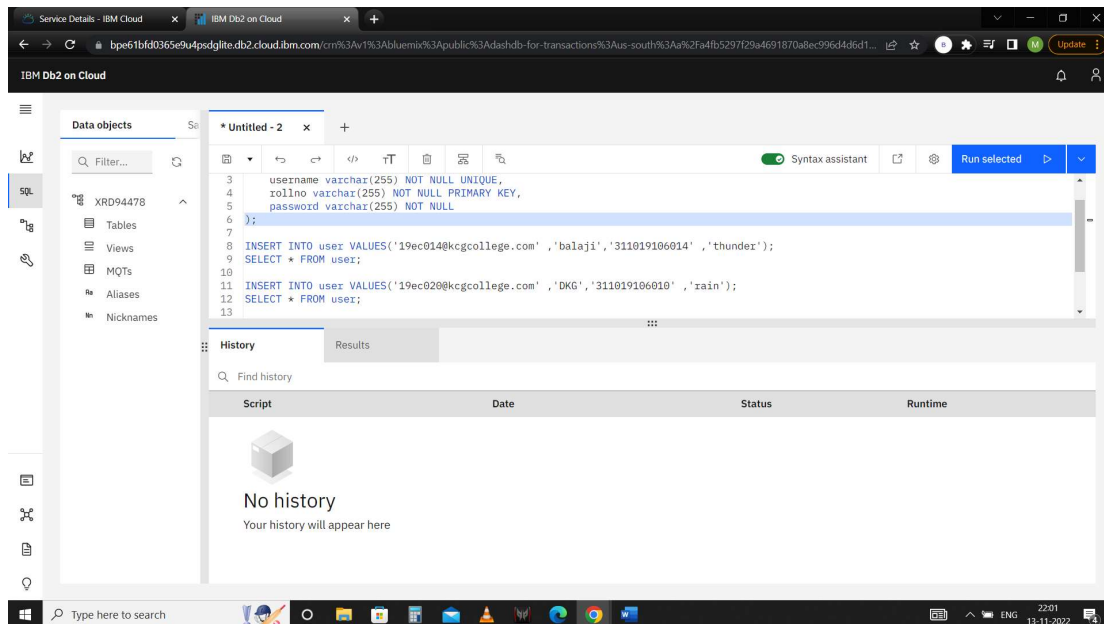
Student Name	Kavipriya
Student Register Number	311019106028
Maximum Marks	2 Marks

1. Create a user table with email, username, password and roll number.
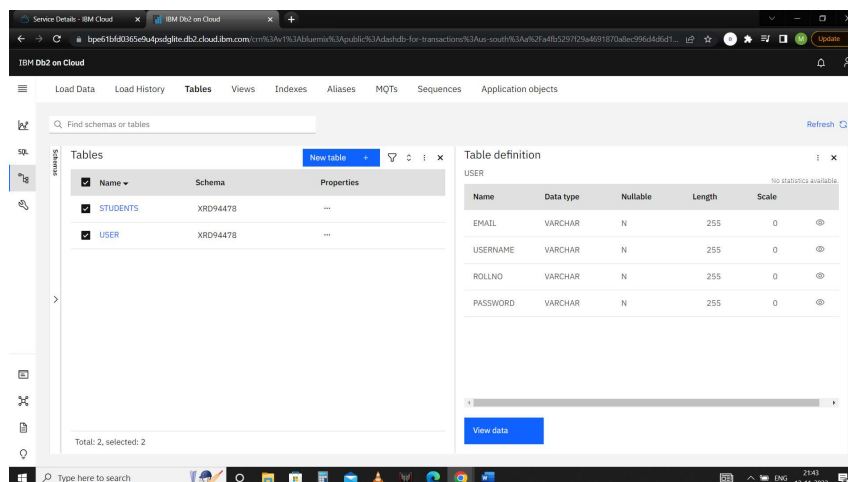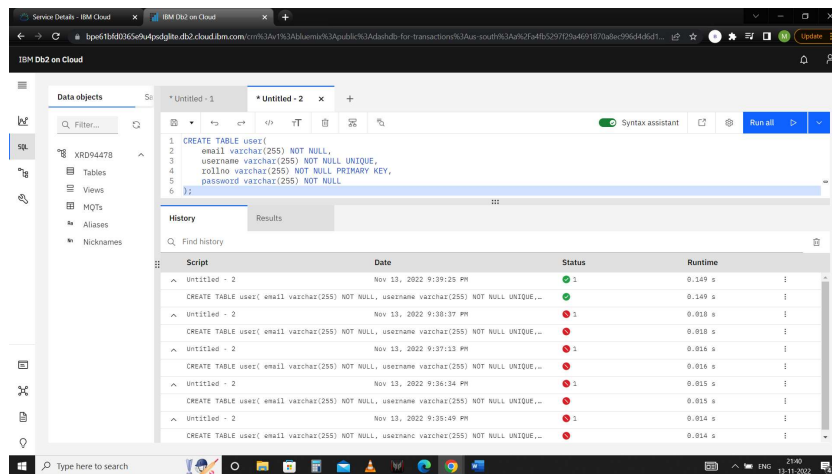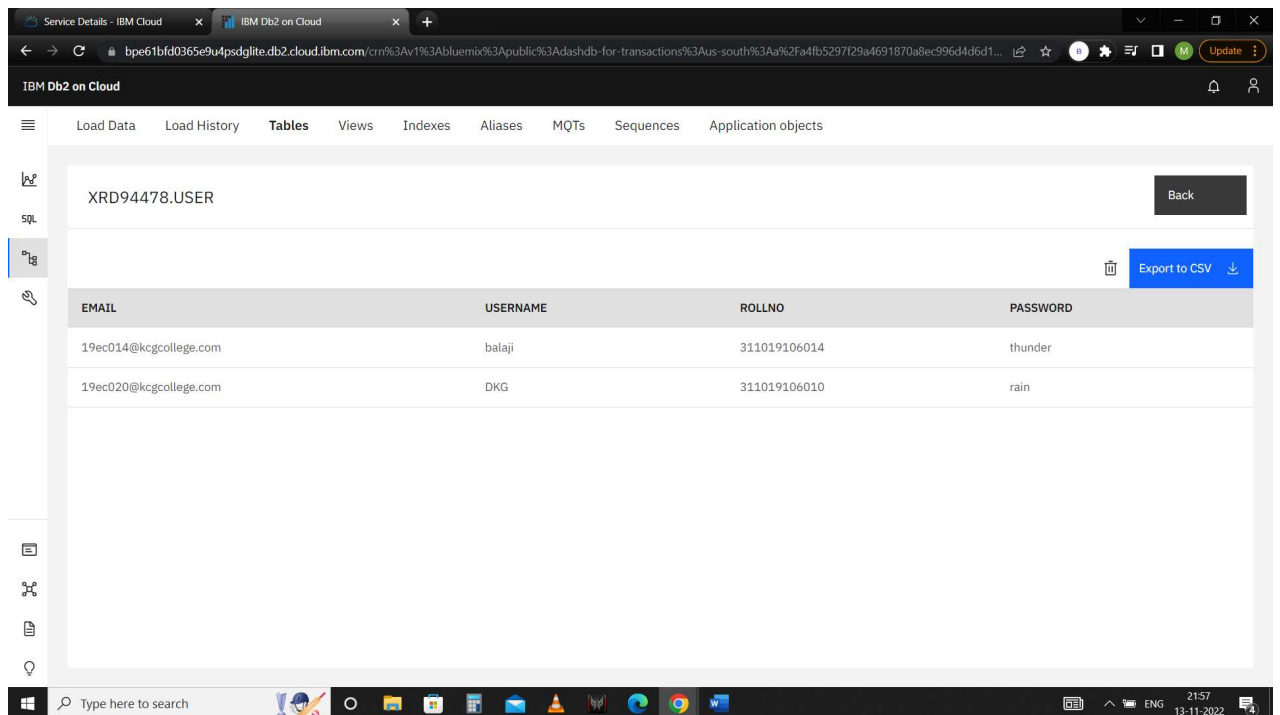
2.Perform UPDATE, and DELETE queries with the User table.

INSERT QUERY

UPDATE QUERY

DELETE QUERY

3. python code to DB2 &

4.Create a flask app with a registration page, login page and welcome page. By default, load the registration page once the user enters all the fields store the data in the database and navigate to the login page to authenticate the user with a username and password. If the user is valid show the welcome page.

CODE

app.py

Templates

Register.html

Login.html

Welcome.html


```html
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <title>Welcome Page</title>
        <link rel="stylesheet" type="text/css" href= "../static/styles.css" >
        <script>
            function loadLoginPage() {
                window.location.assign("http://localhost:5000/logout");
            }
        </script>
    </head>
    <body>
        <div class="overallDiv">
        <h2>Welcome, {{session.username}}!</h2>
        <button type="button" onclick="loadLoginPage();" id="logoutbutton">Logout</button>
        </div>
    </body>
</html>
```
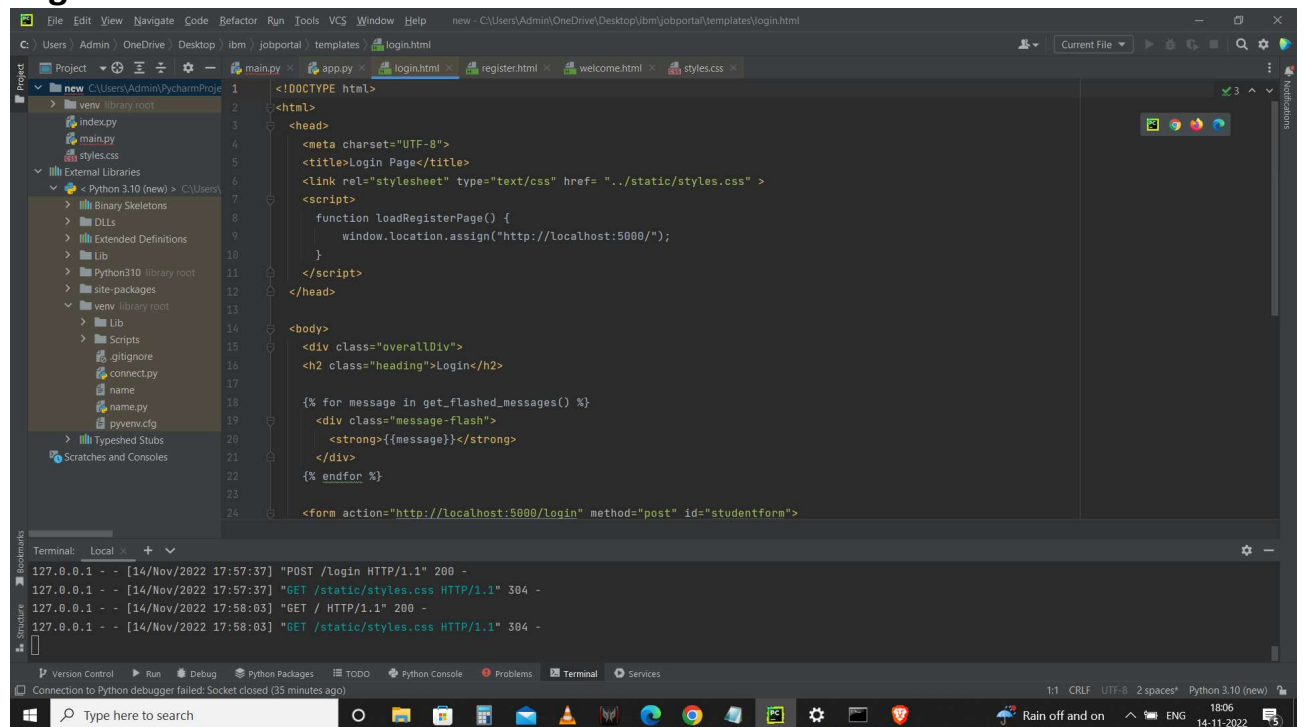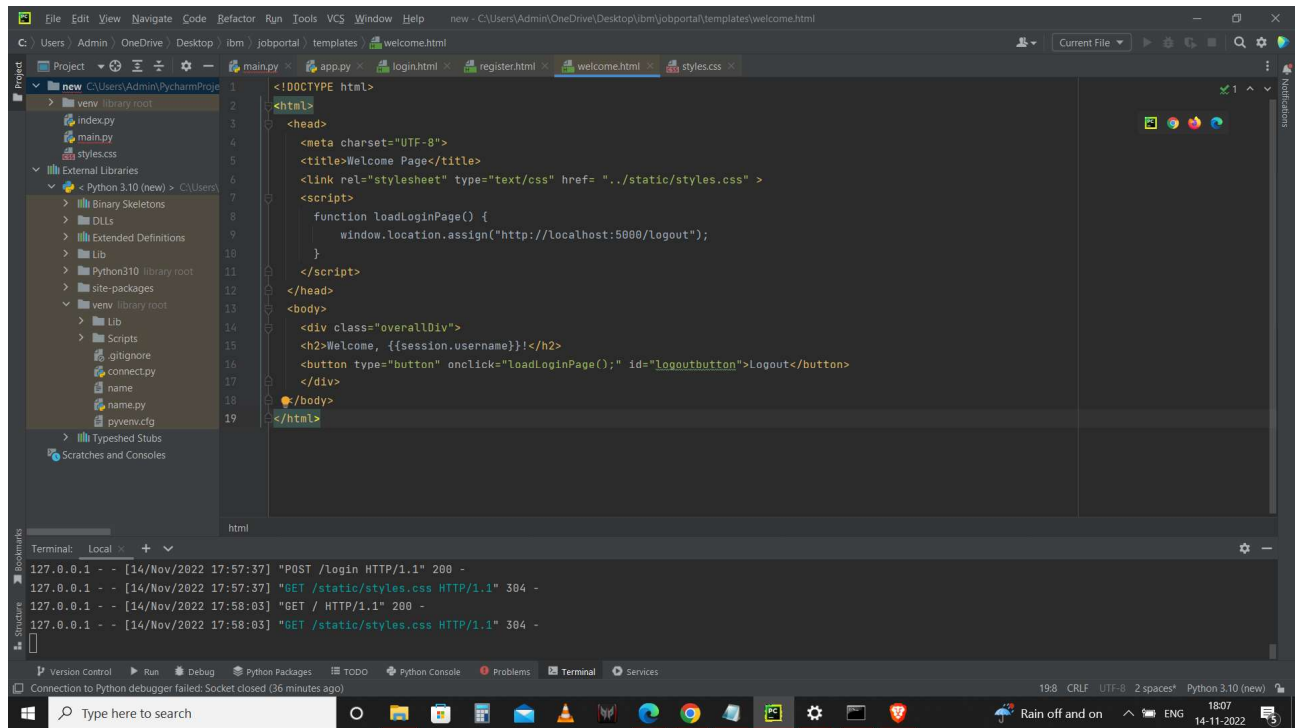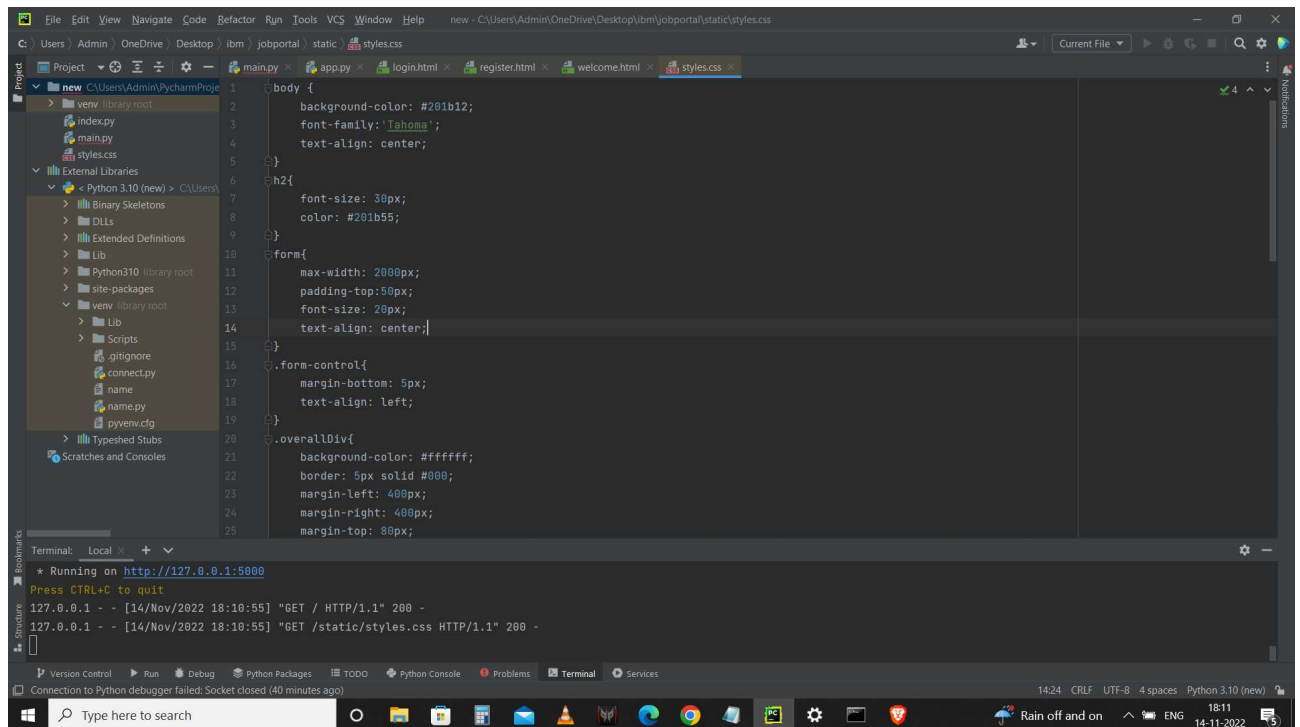
Static.css


```css
body {
    background-color: #201b12;
    font-family:'Tahoma';
    text-align: center;
}
h2{
    font-size: 30px;
    color: #201b55;
}
form{
    max-width: 2000px;
    padding-top:50px;
    font-size: 20px;
    text-align: center;
}
.form-control{
    margin-bottom: 5px;
    text-align: left;
}
.overallDiv{
    background-color: #ffffff;
    border: 5px solid #000;
    margin-left: 400px;
    margin-right: 400px;
    margin-top: 80px;
```

OUTPUT

Empty table
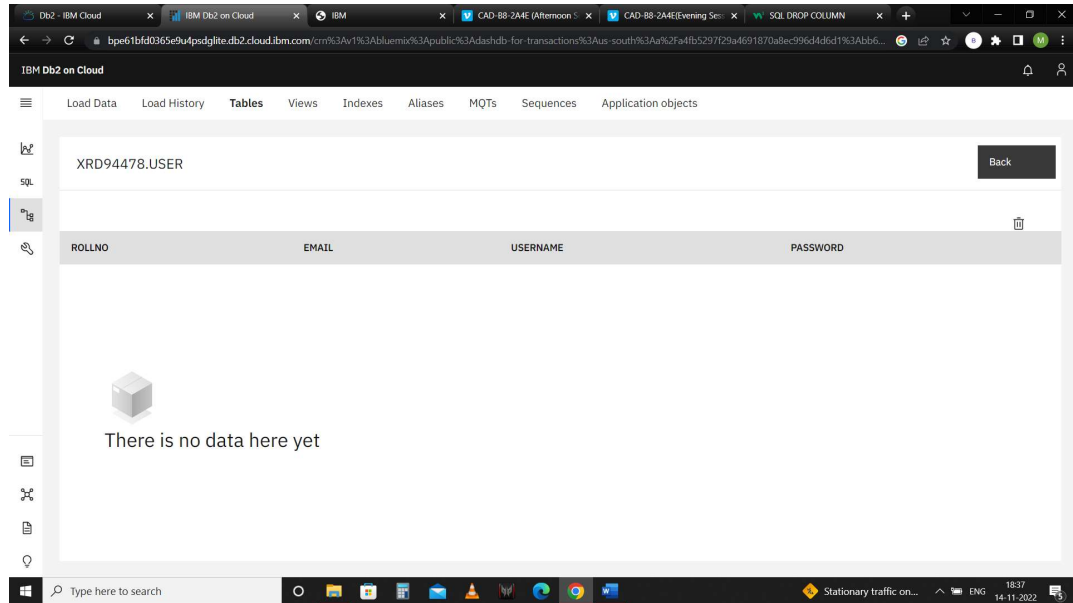
Registration page
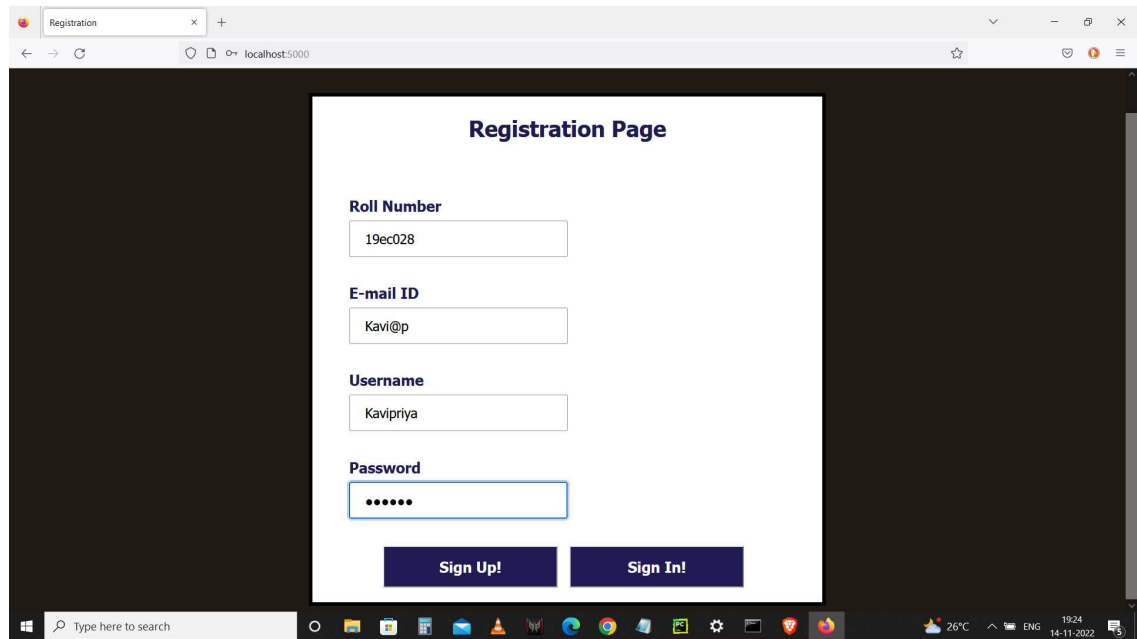
Database updated upon registration
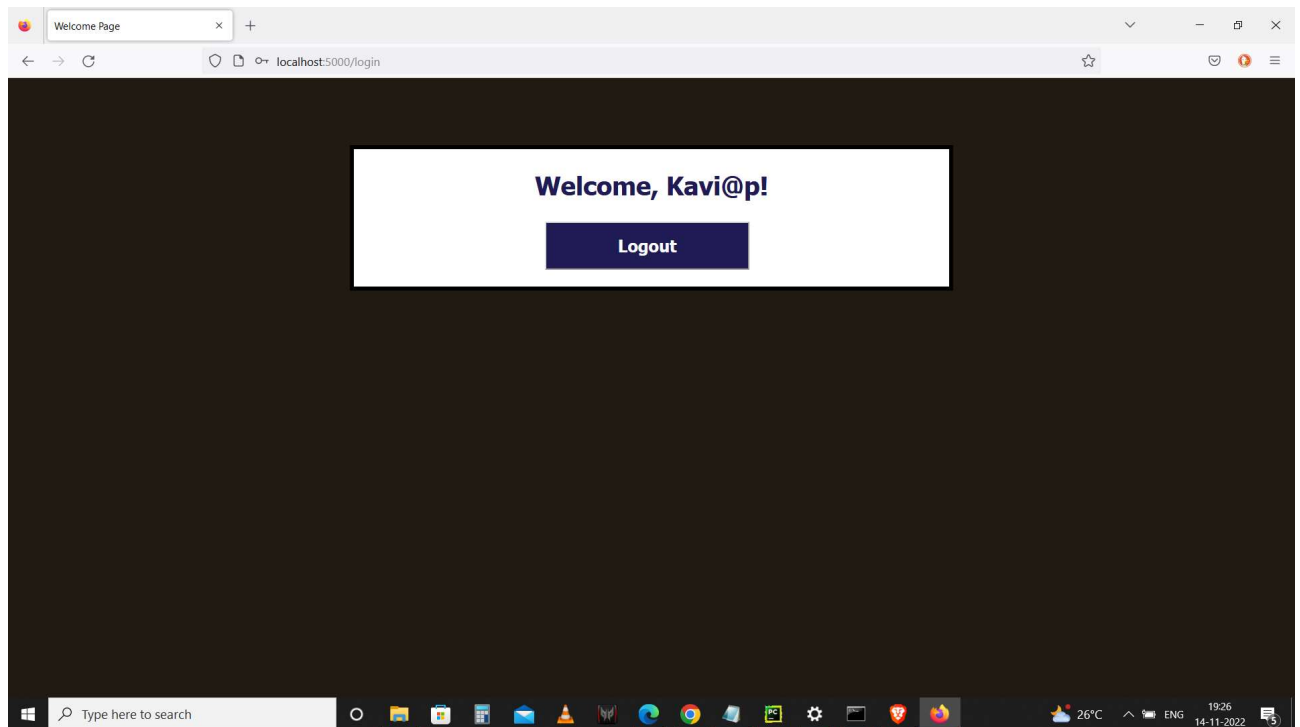
Welcome Page Rendered on Successful Login

Terminal