

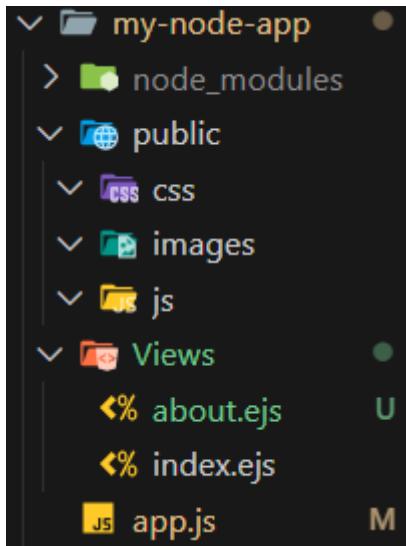
## Experiment 12

### Using Conditional Statements in EJS

#### Experiment 12: Using Conditional Statements in EJS

**Lab Objective:** Setup Conditional Statements in EJS

**Step 1:** Set Up the Project Structure:



**Step 2:** Install dependencies (Express and EJS)

```
PS D:\Collage\3rd_year\Gulsan_Sir\Backend\my-node-app> npm install express ejs
up to date, audited 76 packages in 2s

14 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```

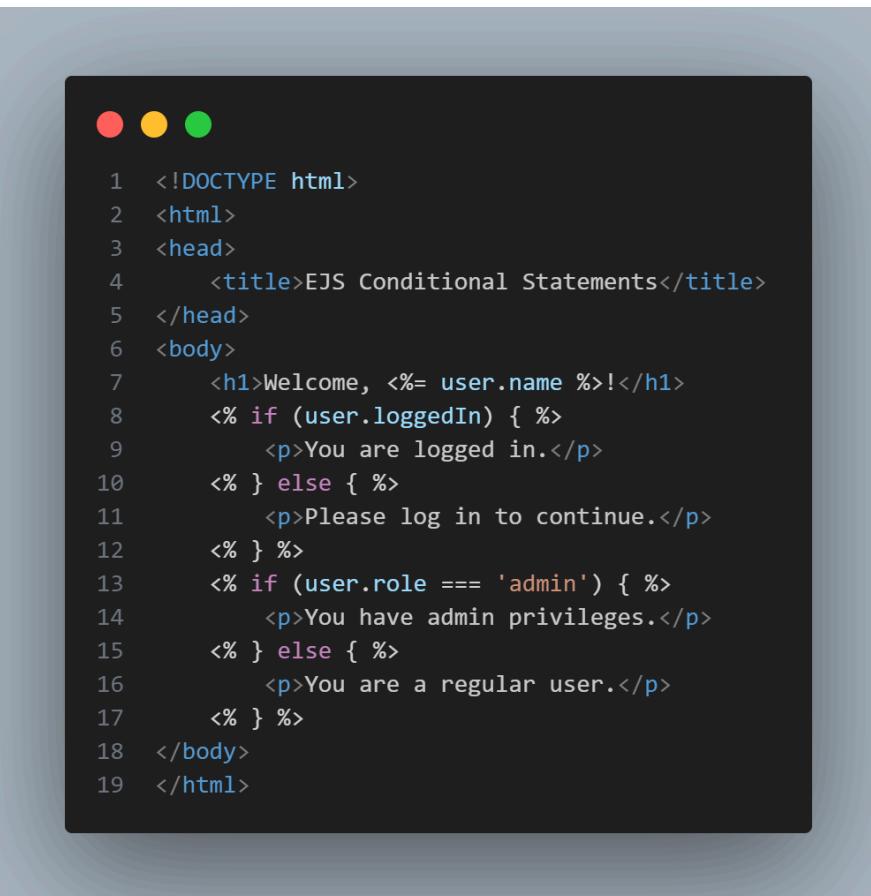
**Step 3:** Write app.js (Main Server File)

```
const express = require('express');
const app = express();
app.set('view engine', 'ejs');

// Route for rendering the EJS file
app.get('/', (req, res) => {
  const user = { name: 'Alice', role: 'admin', loggedIn: true };
  res.render('index', { user });
});

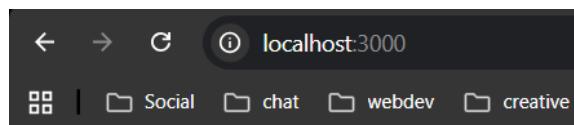
app.listen(3000, () => {
  console.log('Server is running on port 3000');
});
```

#### Step 4: Create the EJS Template (views/index.ejs)



```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>EJS Conditional Statements</title>
5  </head>
6  <body>
7      <h1>Welcome, <%= user.name %>!</h1>
8      <% if (user.loggedIn) { %>
9          <p>You are logged in.</p>
10     <% } else { %>
11         <p>Please log in to continue.</p>
12     <% } %>
13     <% if (user.role === 'admin') { %>
14         <p>You have admin privileges.</p>
15     <% } else { %>
16         <p>You are a regular user.</p>
17     <% } %>
18 </body>
19 </html>
```

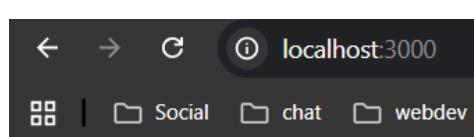
#### Step 5: Run the Server



**Welcome, Alice!**

You are logged in.

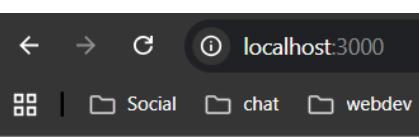
You have admin privileges.



**Welcome, Alice!**

Please log in to continue.

You have admin privileges.



**Welcome, Alice!**

Please log in to continue.

You are a regular user.

