

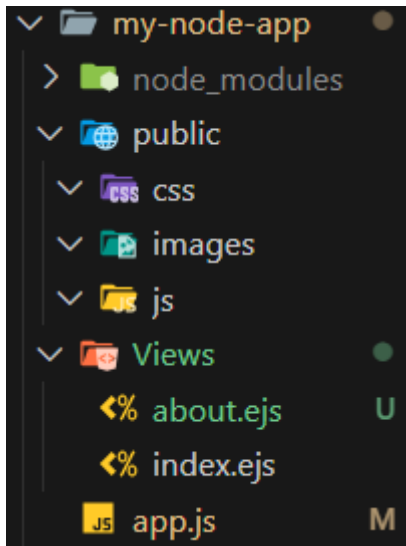
Experiment 12

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
```

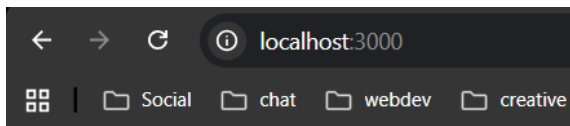
Step 3: Write app.js (Main Server File)

```
1  const express = require('express');
2  const app = express();
3  app.set('view engine', 'ejs');
4
5  // Route for rendering the EJS file
6  app.get('/', (req, res) => {
7      const user = { name: 'Alice', role: 'admin', loggedIn: true };
8      res.render('index', { user });
9  });
10
11 app.listen(3000, () => {
12     console.log('Server is running on port 3000');
13 });
```

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>
```

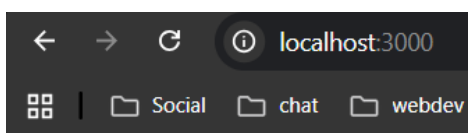
Step 5: Run the Server



Welcome, Alice!

You are logged in.

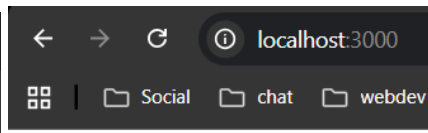
You have admin privileges.



Welcome, Alice!

Please log in to continue.

You have admin privileges.



Welcome, Alice!

Please log in to continue.

You are a regular user.

