**Admin Dashboard**

**Project Requirements**

1. **Create a login page.**
   1. Enter email option. (No suggestions)
   2. Enter a password.
2. **Email and password need to be validated when user click on login button.**
3. **When credentials matched then the user needs to be redirected on Dashboard.**
   1. There must be at least 3 credentials to login.
4. **A table needs to be shown in front of the dashboard.**
   1. Table should be responsive.
   2. Pagination using jQuery.
   3. Search filter option on table.
5. **Add Employee form on dashboard or a button to redirect on form page.**
   1. Full Name of the Employee
   2. Email address of the employee
   3. DOB
   4. Date of Joining
   5. Dropdown to select the department of employee.
   6. Role of the employee
   7. Submit button.
6. **As soon as we click on the Submit button the data needs to be stored in the file on Server in JSON format.**
   1. **If first time anyone fills the form and submits, then server needs to check whether the file is exists or not.**
      1. If it does not exists then a new file needs to be created named as “input.json”.
      2. If exists, then just append the data inside that file.
7. **On every page there should be a session which should log off after 20 sec if user is inactive, means not doing anything on the page.**
   1. A modal should pop-up and a button on modal to go on login page.
   2. If a user tries to refresh the page, they should be redirected to the login page.
   3. Basically, without login we are not able to go on Dashboard or Form page.
8. **There should be a logout button to log out from dashboard.**
9. **The data which we stored from filled from the form needs to be shown on the table on dashboard.**
10. **Log-out button, when a user clicks on that button they should log out and redirect to the login page again.**

**Pre-Requisites**

* **VS Code editor**
* **Node.js (v16.16.0)**
  + **Express.js/Embedded JavaScript (EJS)/** **Node Package Manager (NPM) (v9.6.4)**
* **HTML/CSS/JavaScript**
* **Web Browser**

**Instruction Module for User**

**For the User**

1. **First user needs go on the** [**http://localhost:3000/**](http://localhost:3000/)
   1. **Now you will see the login page.**

Graphical user interface, application

Description automatically generated

* 1. **Enter login credential from these 3:**

**Email:** [**allyouget14@gmail.com**](mailto:allyouget14@gmail.com)**, Password: 123456**

**Email:** [**admin14@gmail.com**](mailto:admin14@gmail.com)**, Password: 123456**

**Email:** [**rohit14@gmail.com**](mailto:rohit14@gmail.com)**, Password: 123456**

**And hit the Submit button.**

Graphical user interface, application

Description automatically generated

* 1. **Now you will be redirected on Admin Dashboard**

Graphical user interface, table, website

Description automatically generated

* 1. **If you do not work or do not do anything on the page after login, then after 20 sec your session will be timed out and you must either click on Login button on Modal or need to refresh the page.**

Graphical user interface, application

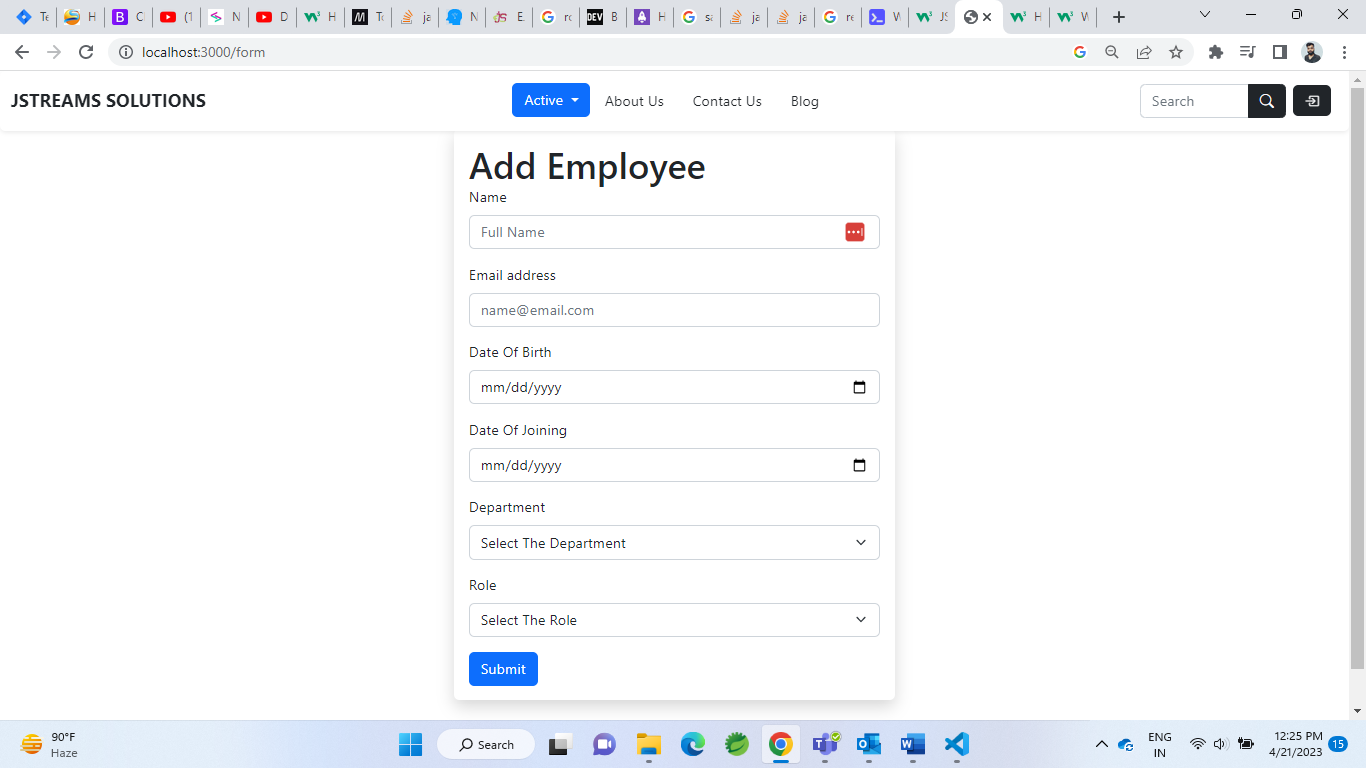
Description automatically generated

* 1. **Now if you click on ‘JSTREAMS SOLUTIONS’ then you will basically be refreshing the page because you will land on the admin dashboard again.**
  2. **Now in the search bar of the below table you can search for the number so it will find the matched number data in that table and based on that filter the table.**

Graphical user interface

Description automatically generated

* 1. **Now if you click on the Add Employee button then you will be redirected to the Add Employee form page.**



* 1. **Now if you fill in the employee data and hit the submit button then the data will be stored in a JSON file on server.**

Graphical user interface, application

Description automatically generated

**You can see the send data in URL bar as query parameter.**

Graphical user interface, application

Description automatically generated

* 1. **This whole website is fully responsive.**
  2. **If you click on ‘JSTREAMS SOLUTIONS’ on any page, you will be redirected to Admin Dashboard.**

A screenshot of a computer

Description automatically generated

**References:**

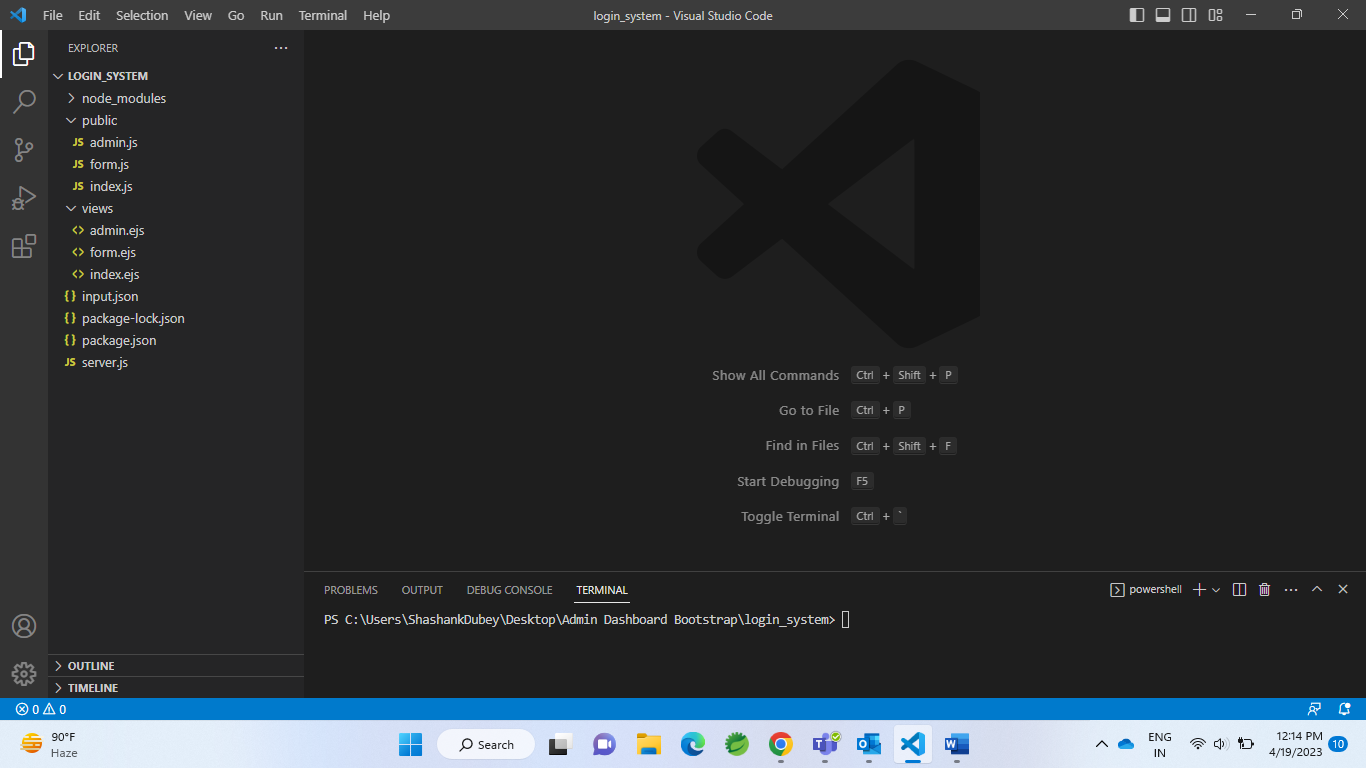
* Stack Overflow
* Ejs.co
* Javatpoint

**Contributor:**

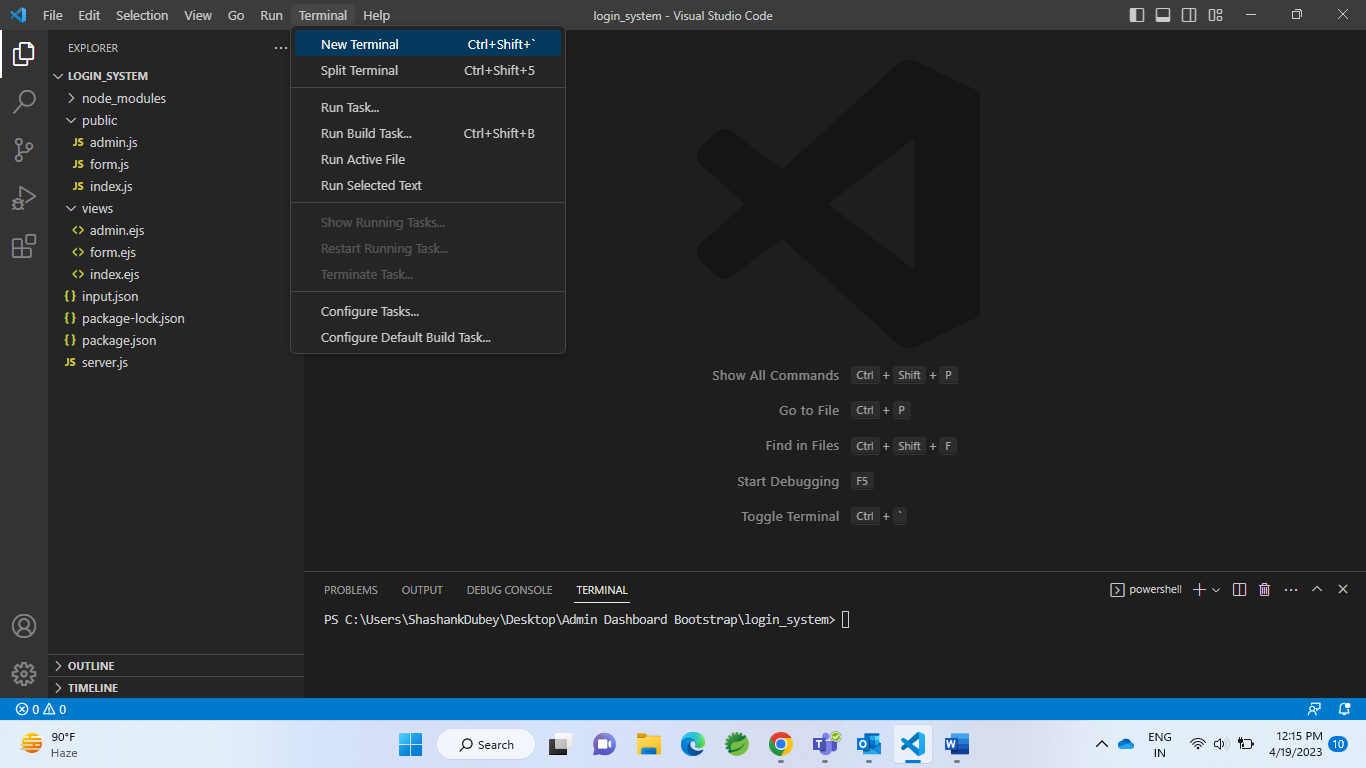
* **Shashank Dubey**

**For Developers**

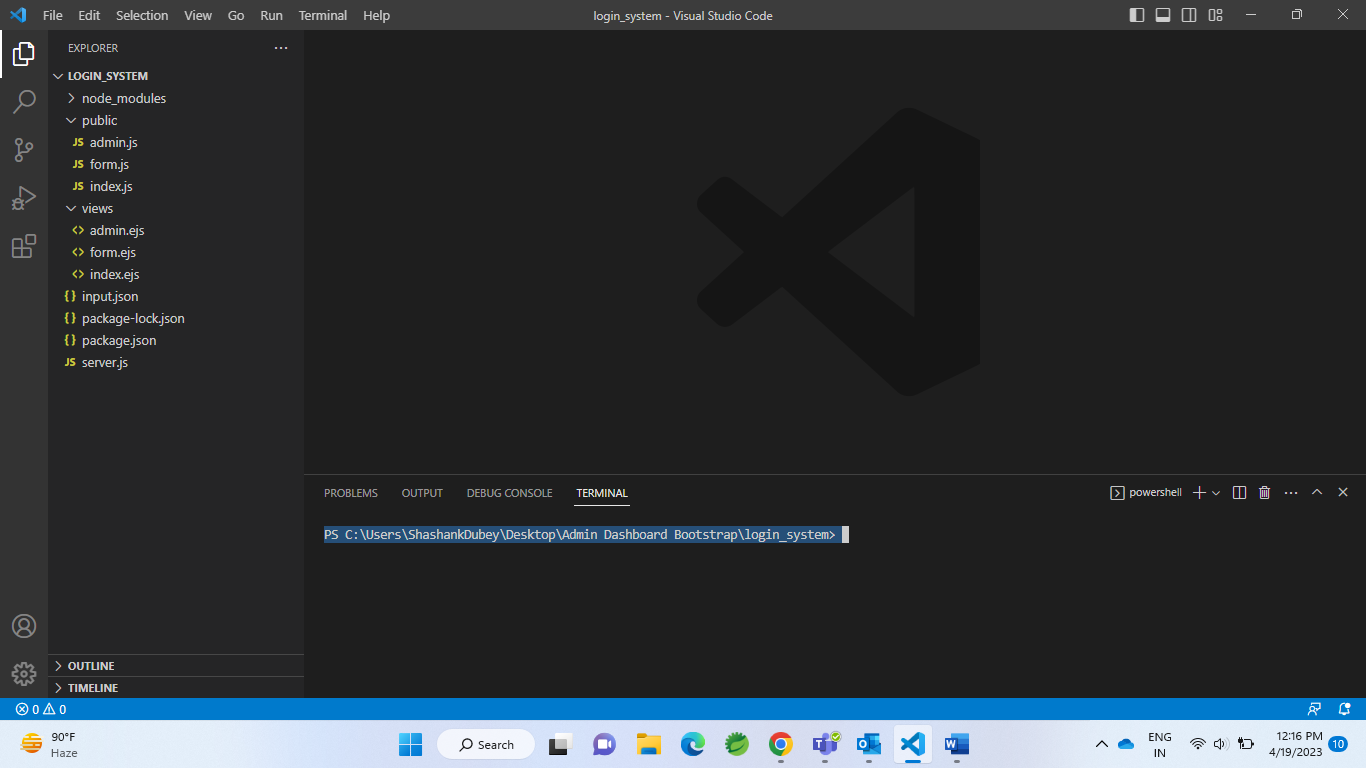
1. **First, we need to start the server so for that:**
   1. **Open all code in vs code editor.**



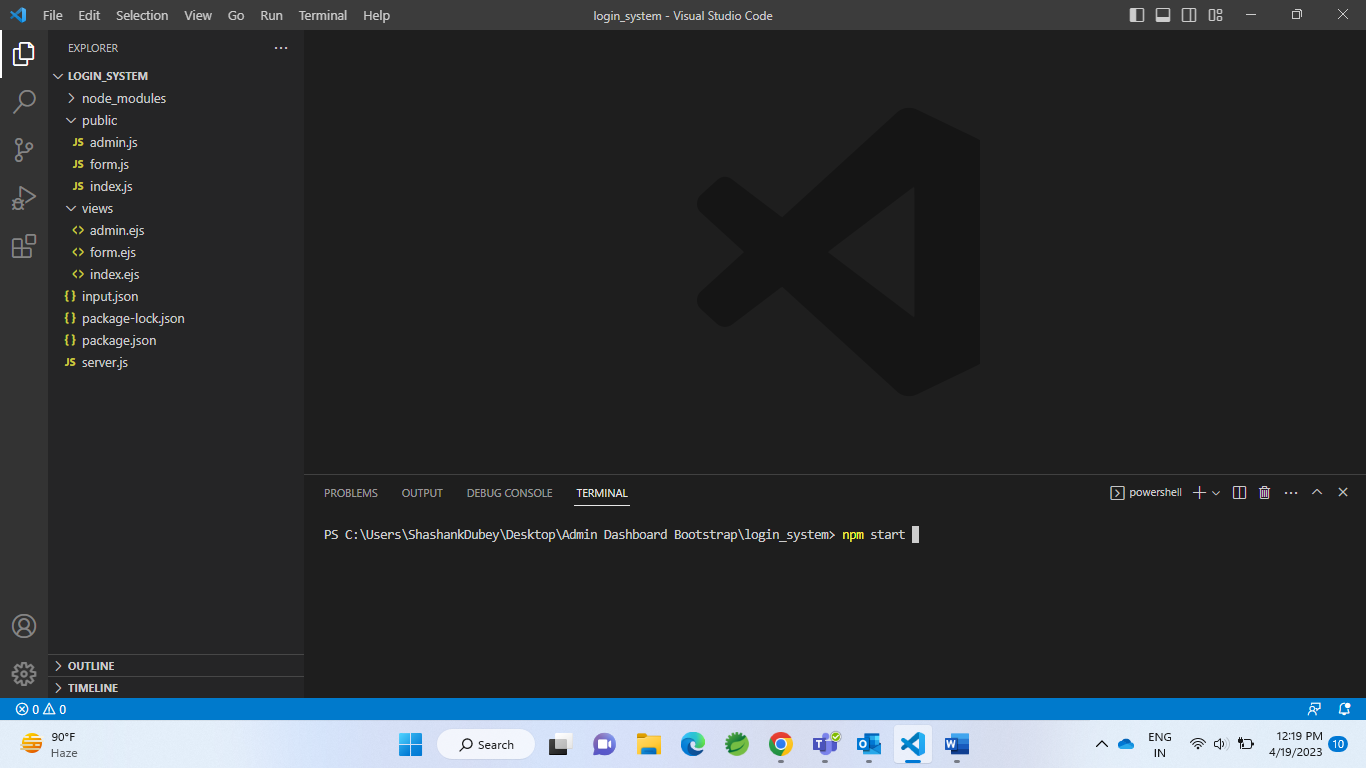
* 1. **Click on Terminal 🡪 New Terminal**



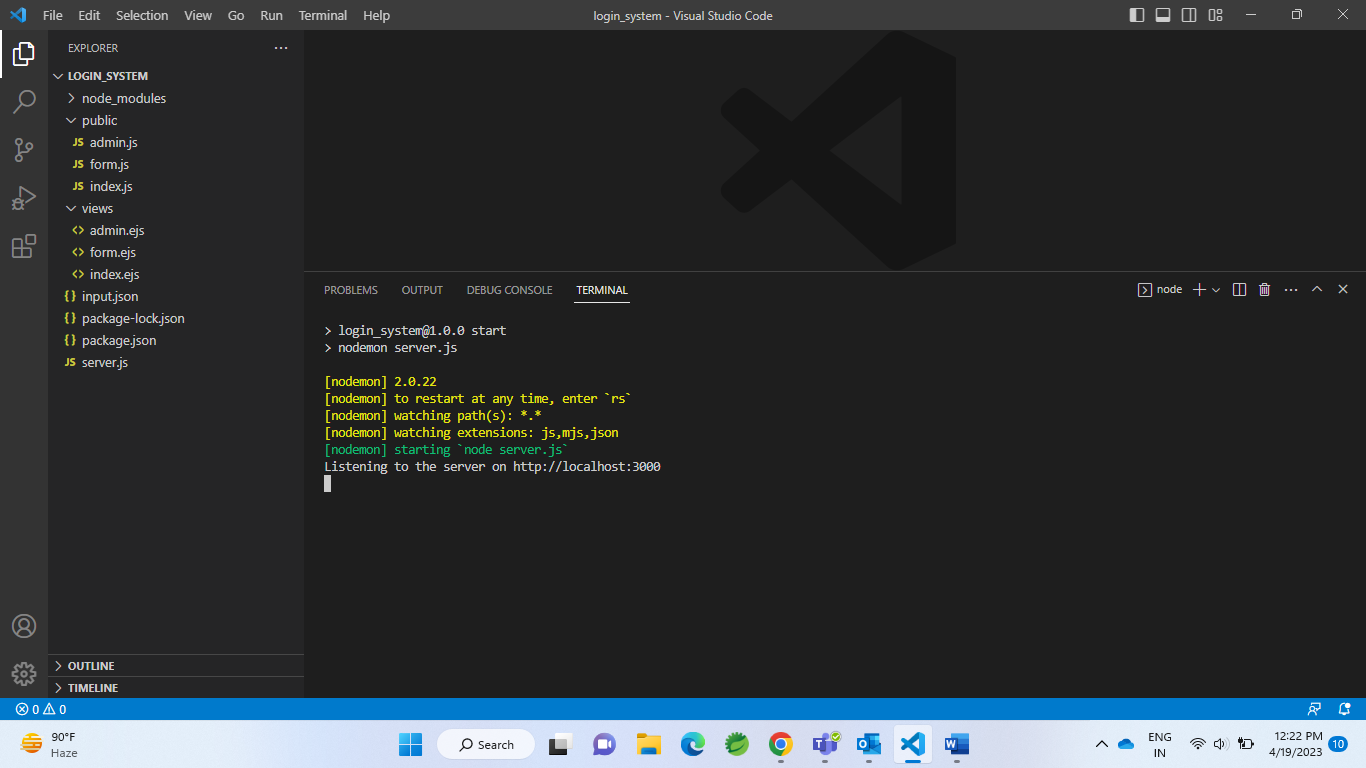
* 1. **Check you are in right file directory (where your files are) or not!**



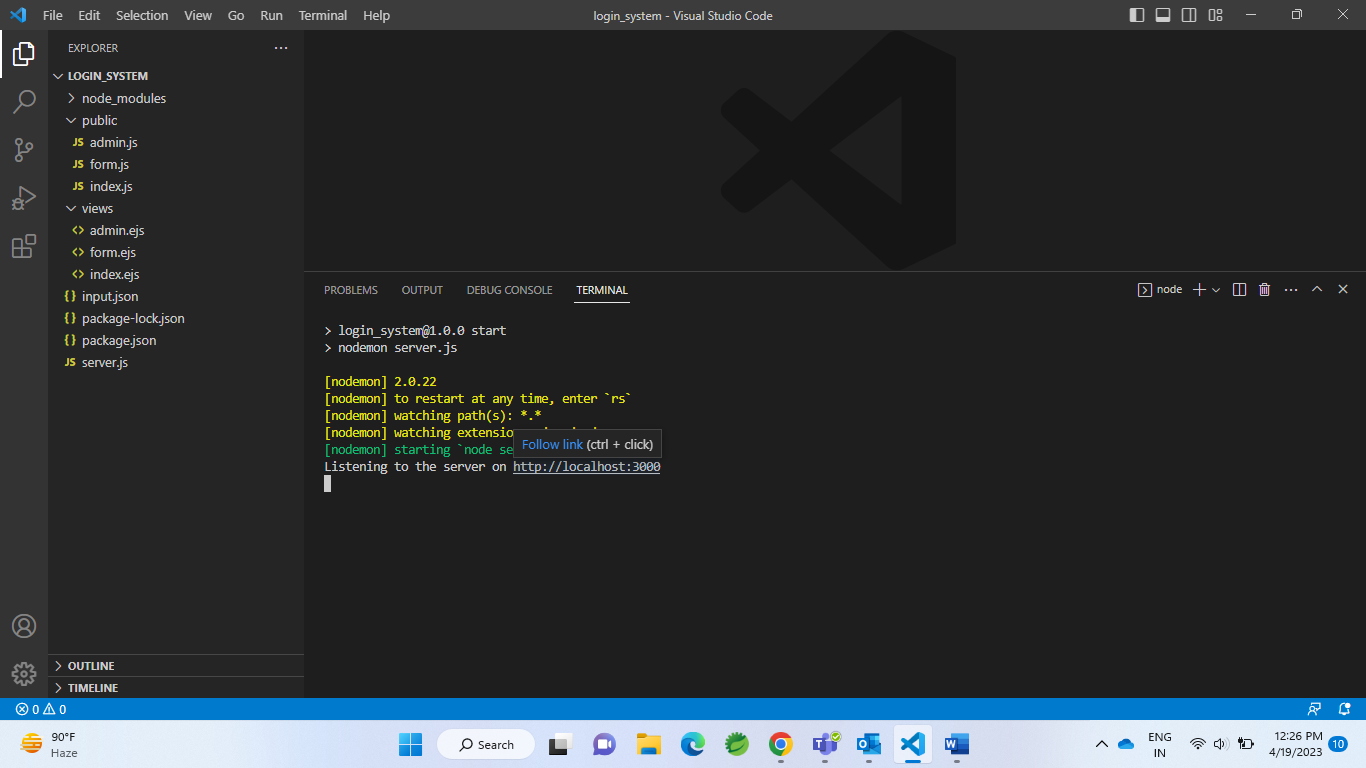
* 1. **Run command 🡪 npm start**



* 1. **You will see this.**



* 1. **Click on** [**http://localhost:3000**](http://localhost:3000) **with Ctrl (Ctrl +** [**http://localhost:3000**](http://localhost:3000)**)**



**Thank You.**