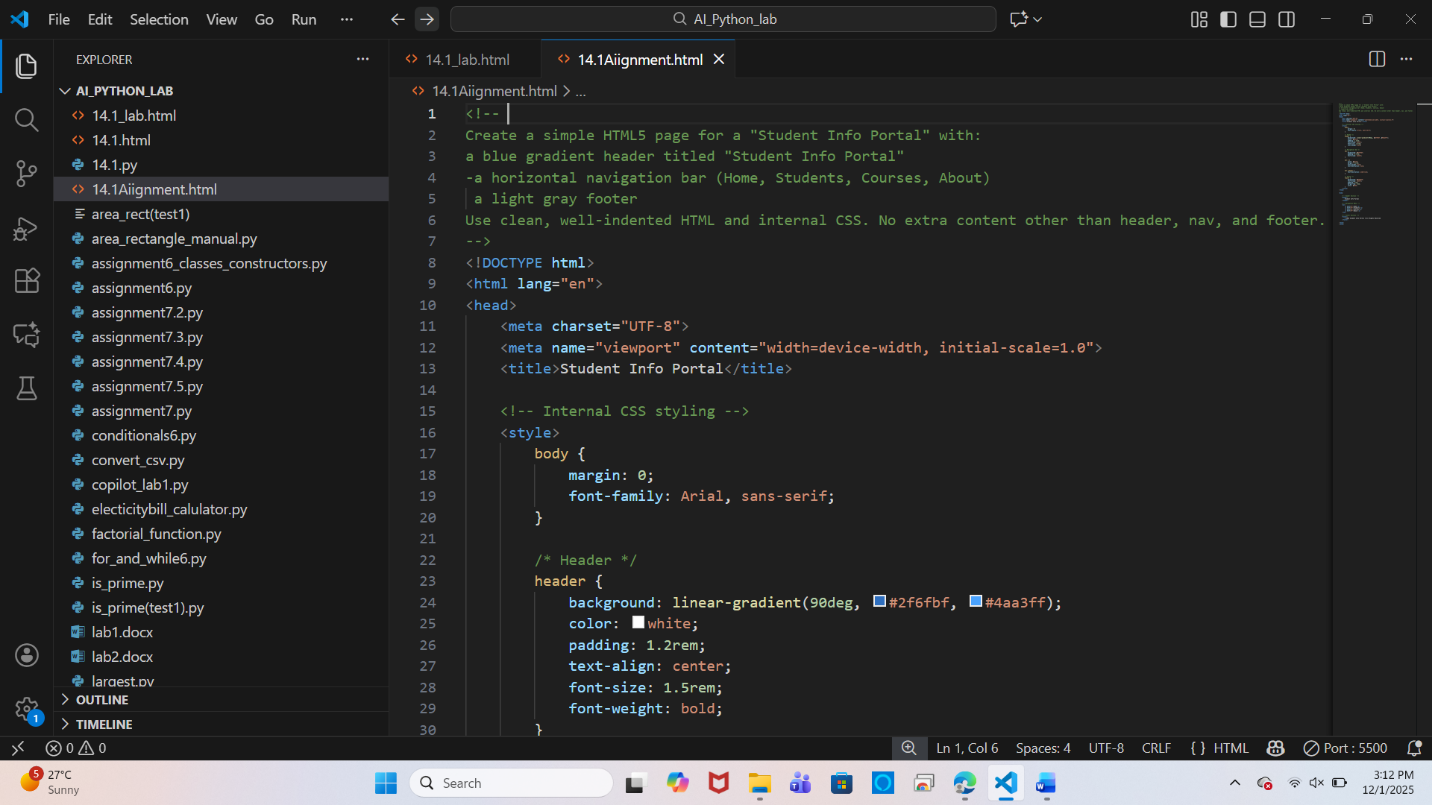
**Name:Garige.Kalpana**

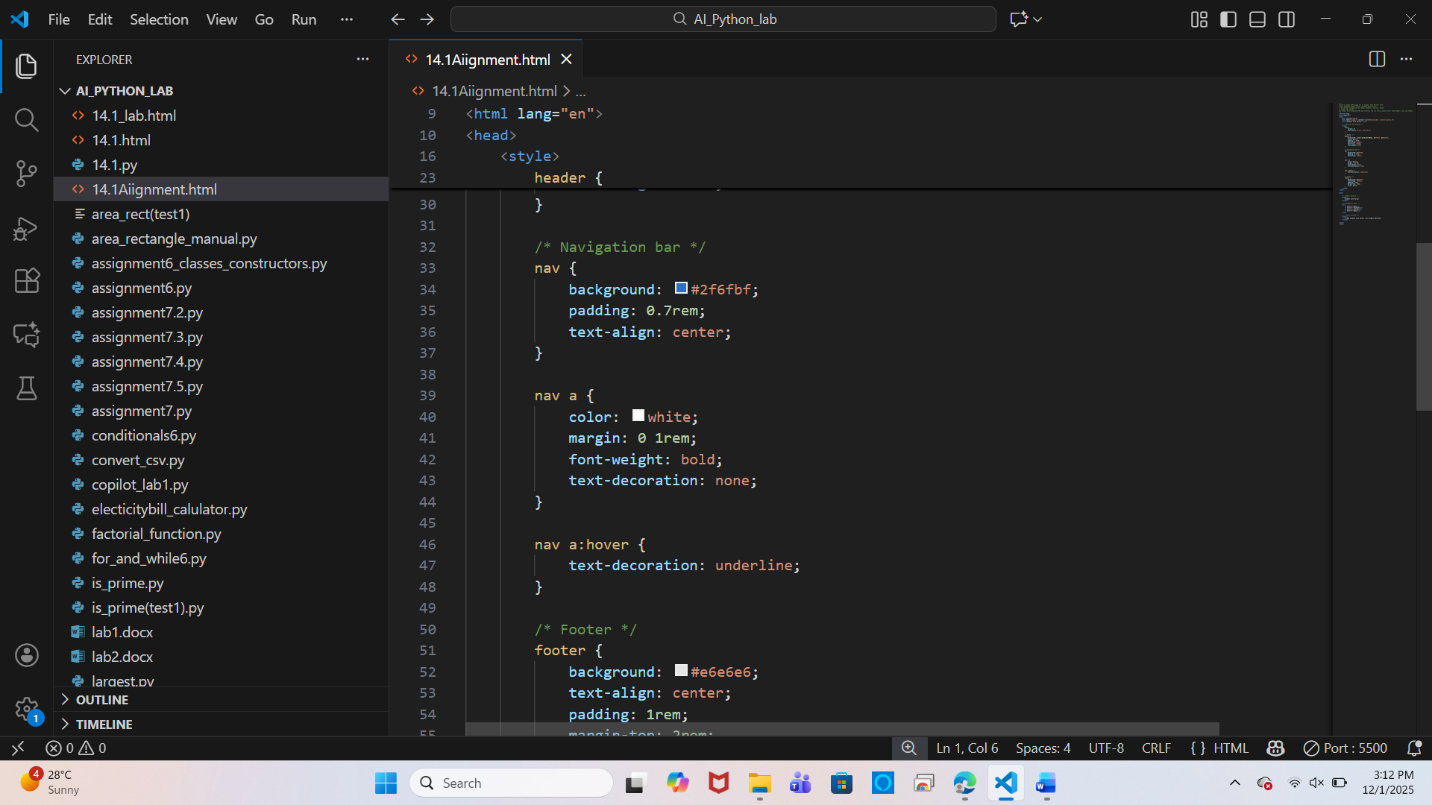
**Roll Number:2503B05117**

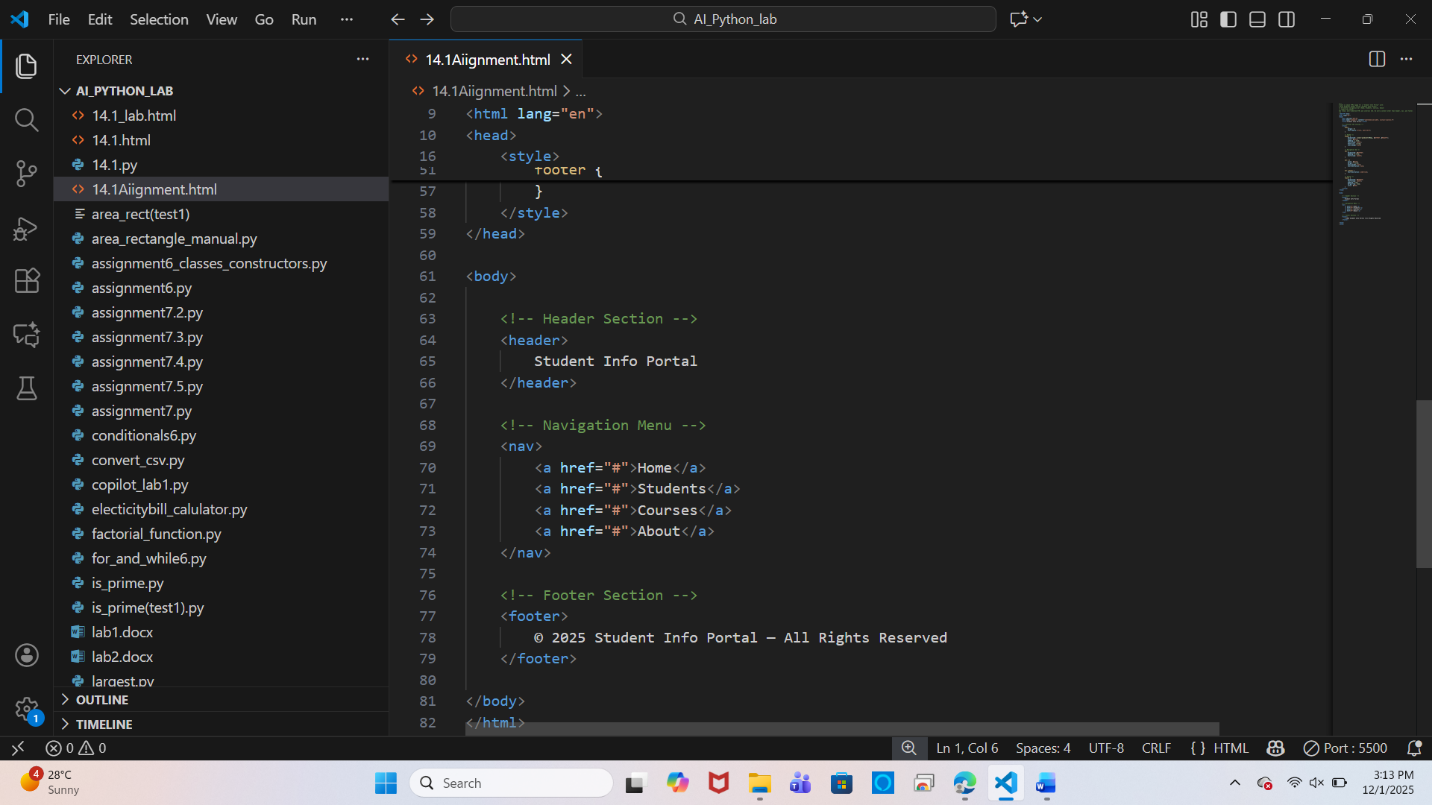
**Lab 14 – Web Frontend Development: AI-assisted HTML/CSS/JS with Python**

**Task Description #1 – AI-generated HTML Page**

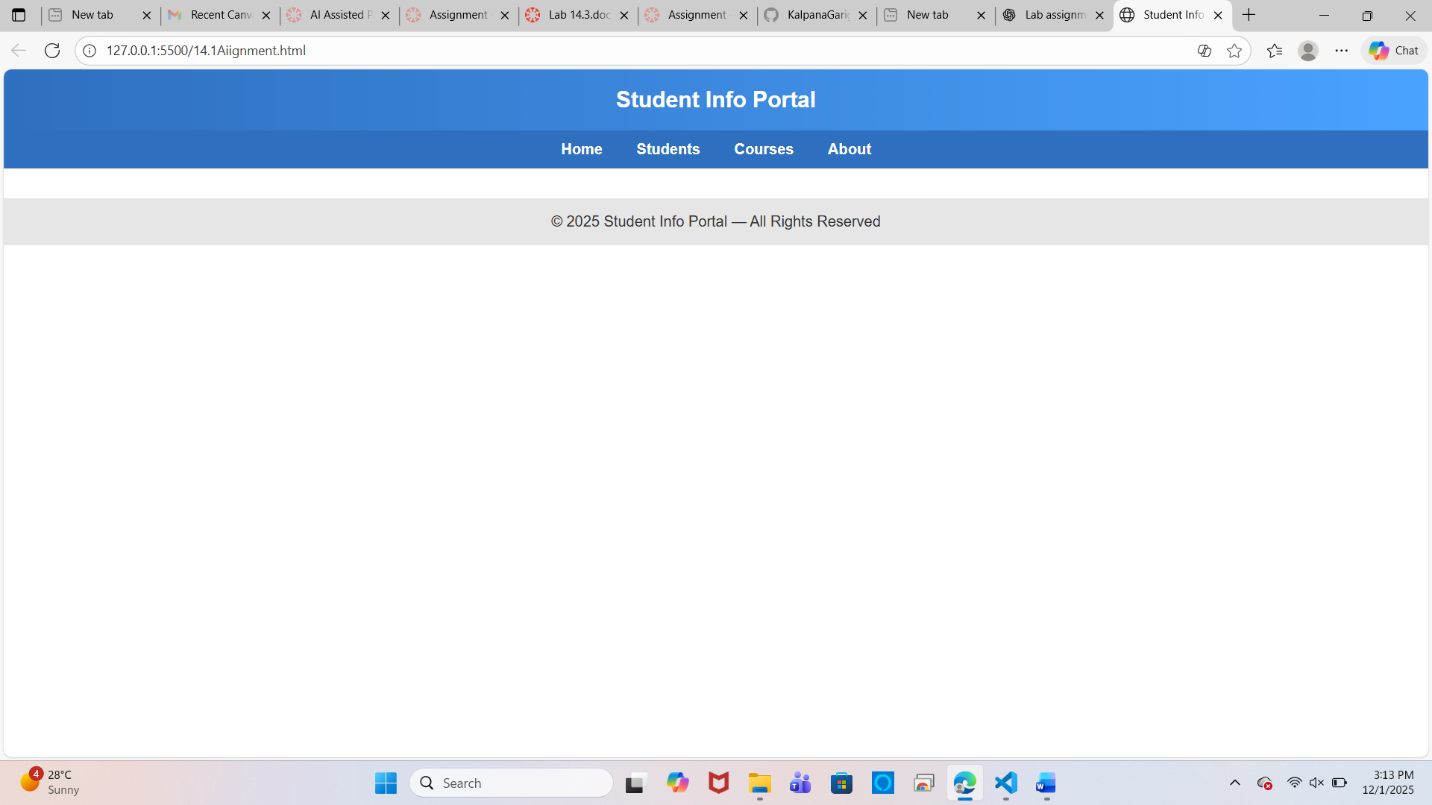
**Task: Ask AI to generate a simple HTML homepage for a "Student Info Portal" with a header, navigation menu, and footer.**

****

****

****

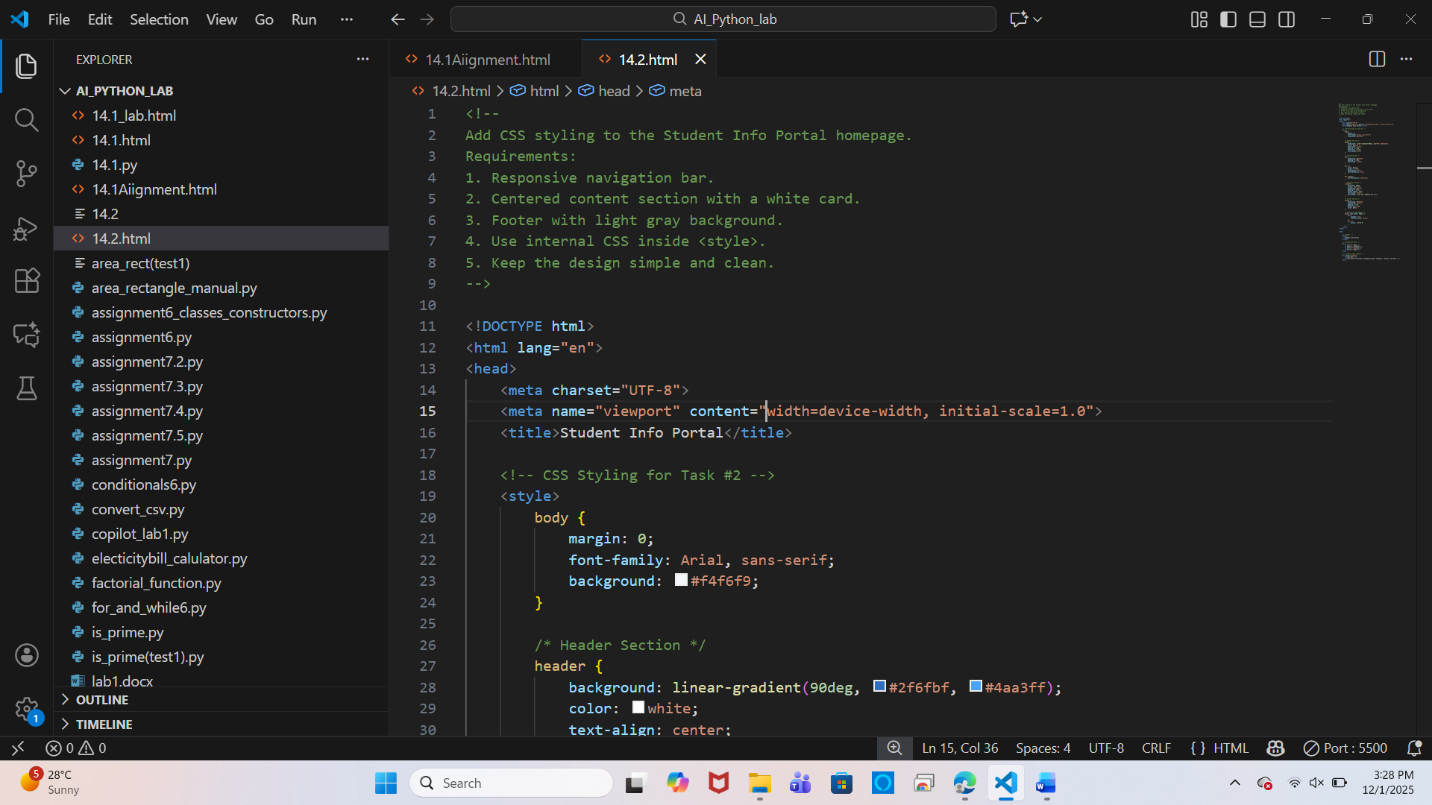
**Output:**

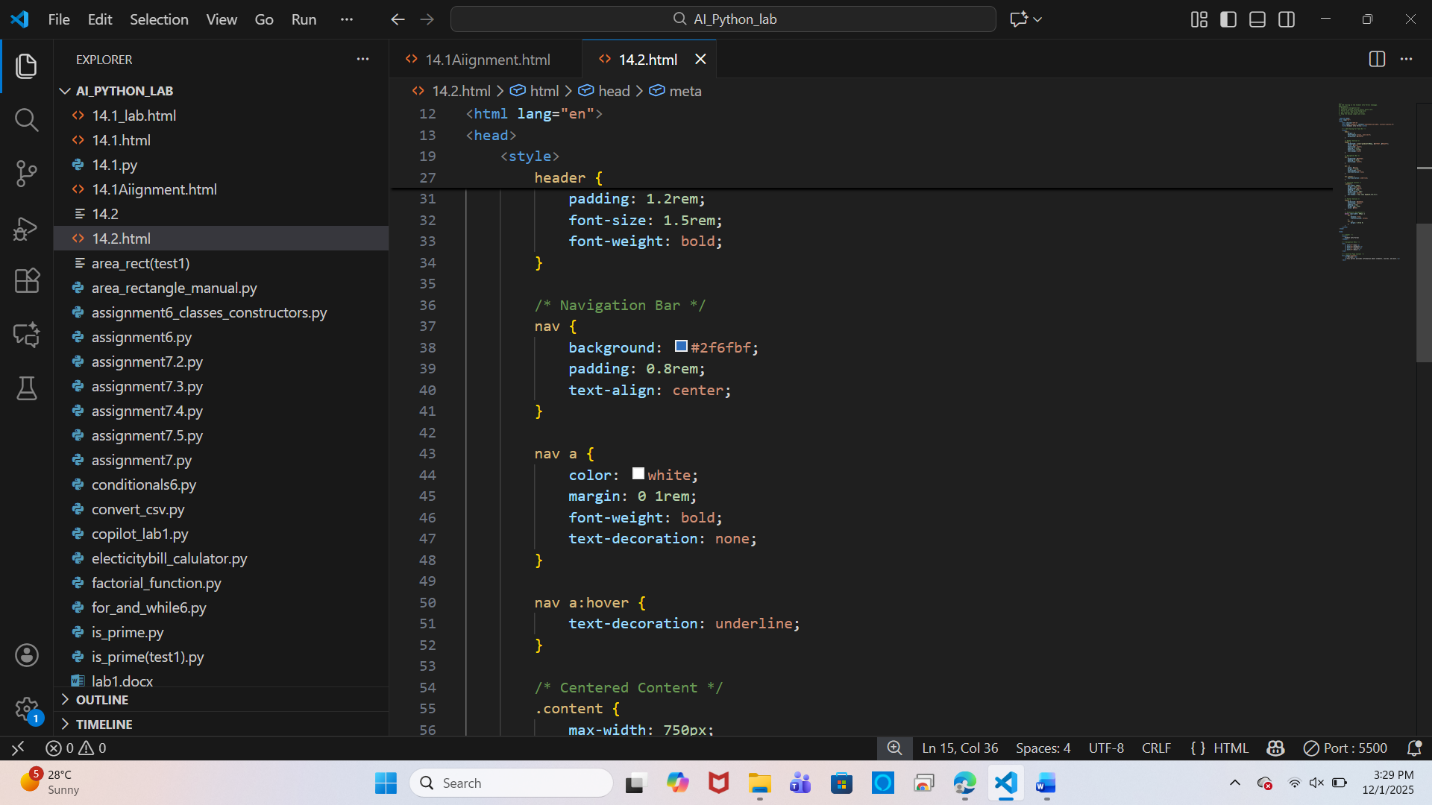
****

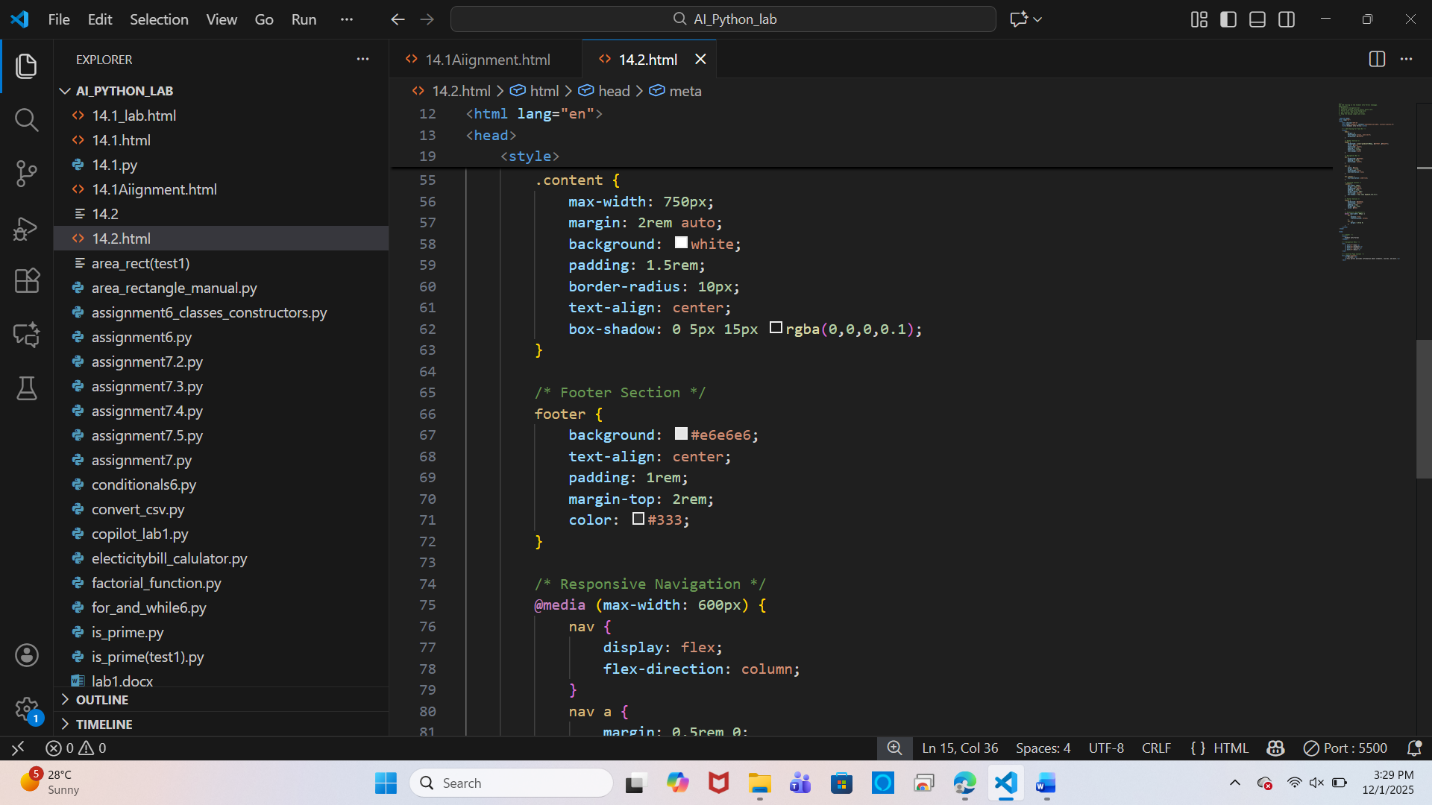
**Task Description #2 – CSS Styling**

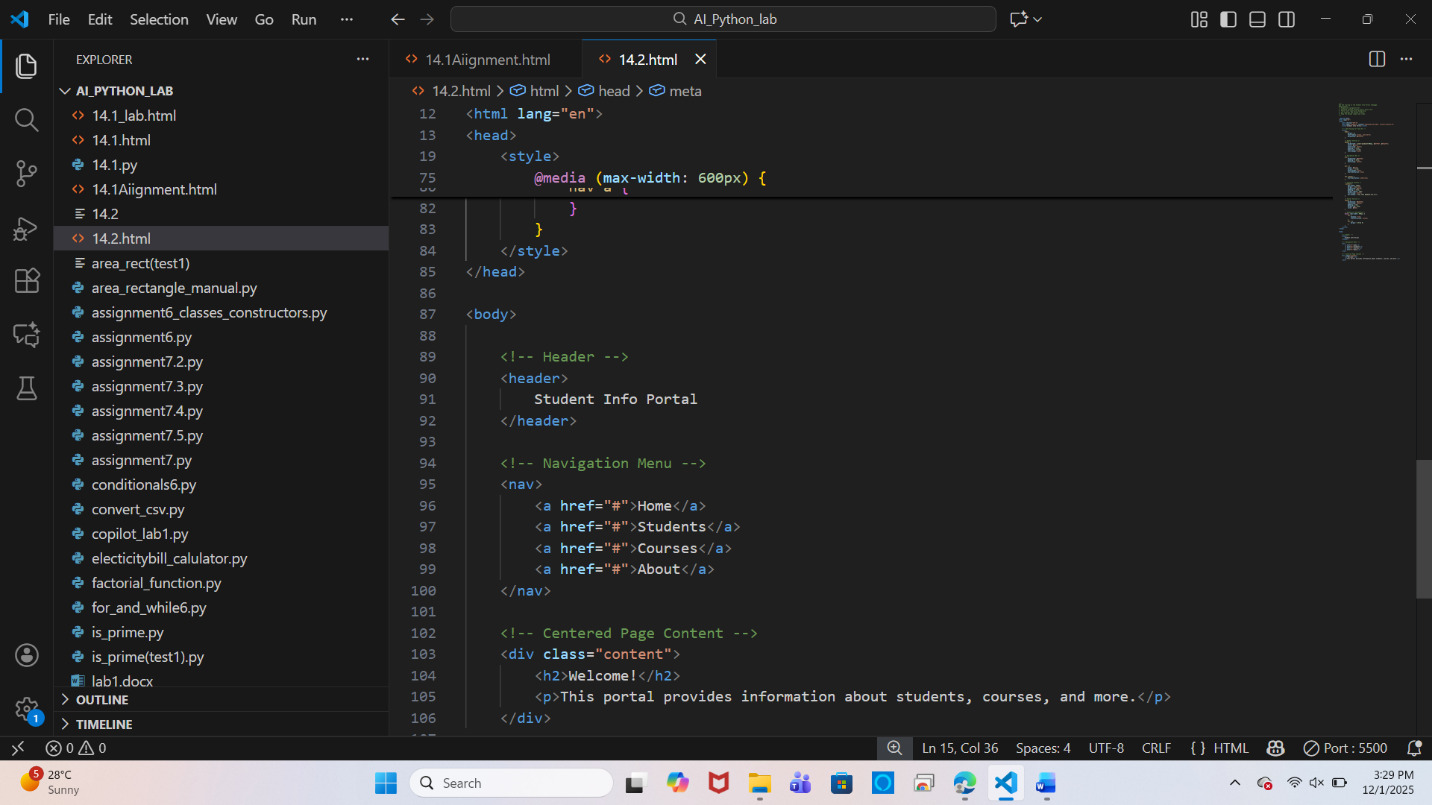
**Task: Use AI to add CSS styling to Task #1 homepage for:**

* **Responsive navigation bar.**
* **Centered content section.**
* **Footer with light gray background.**

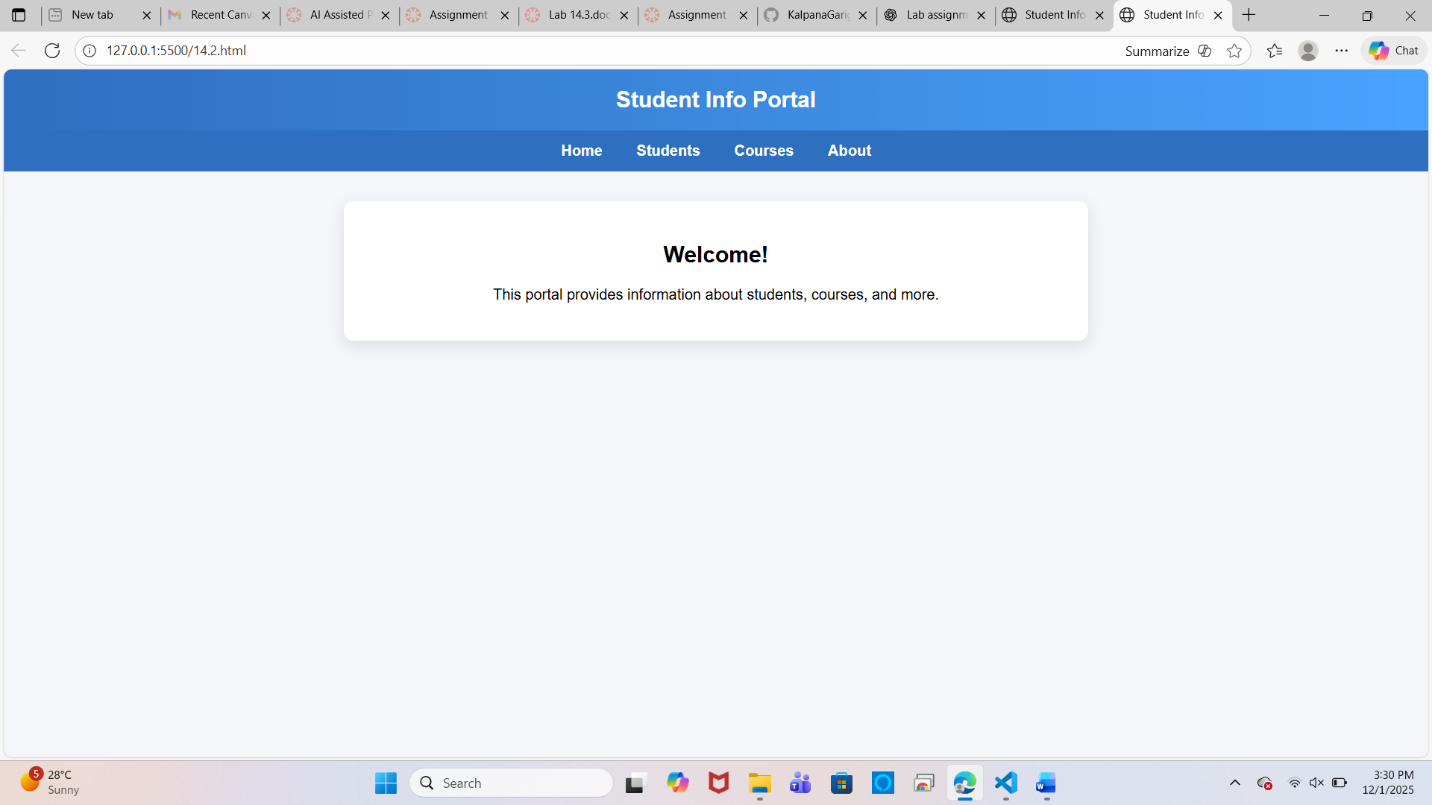






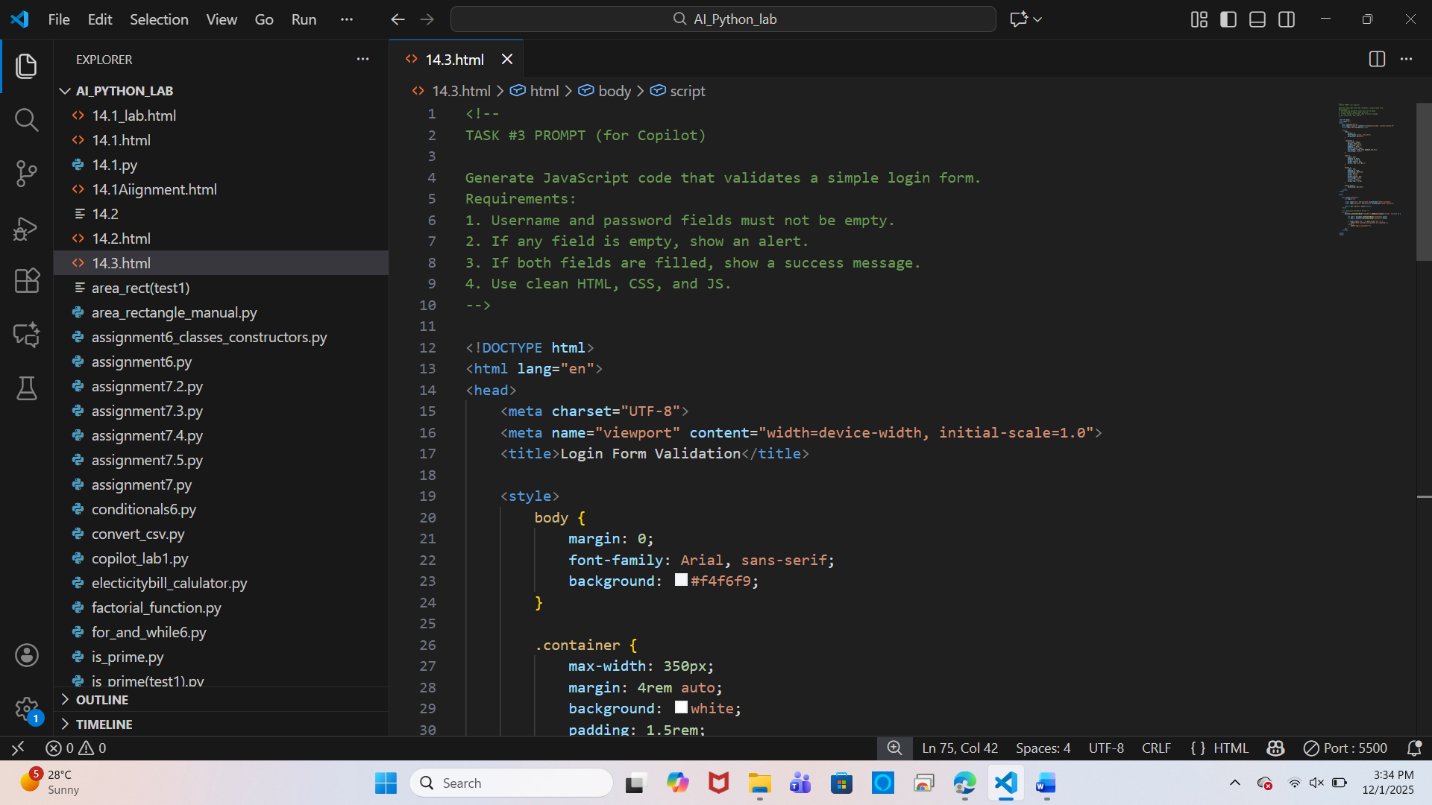


**Output:**

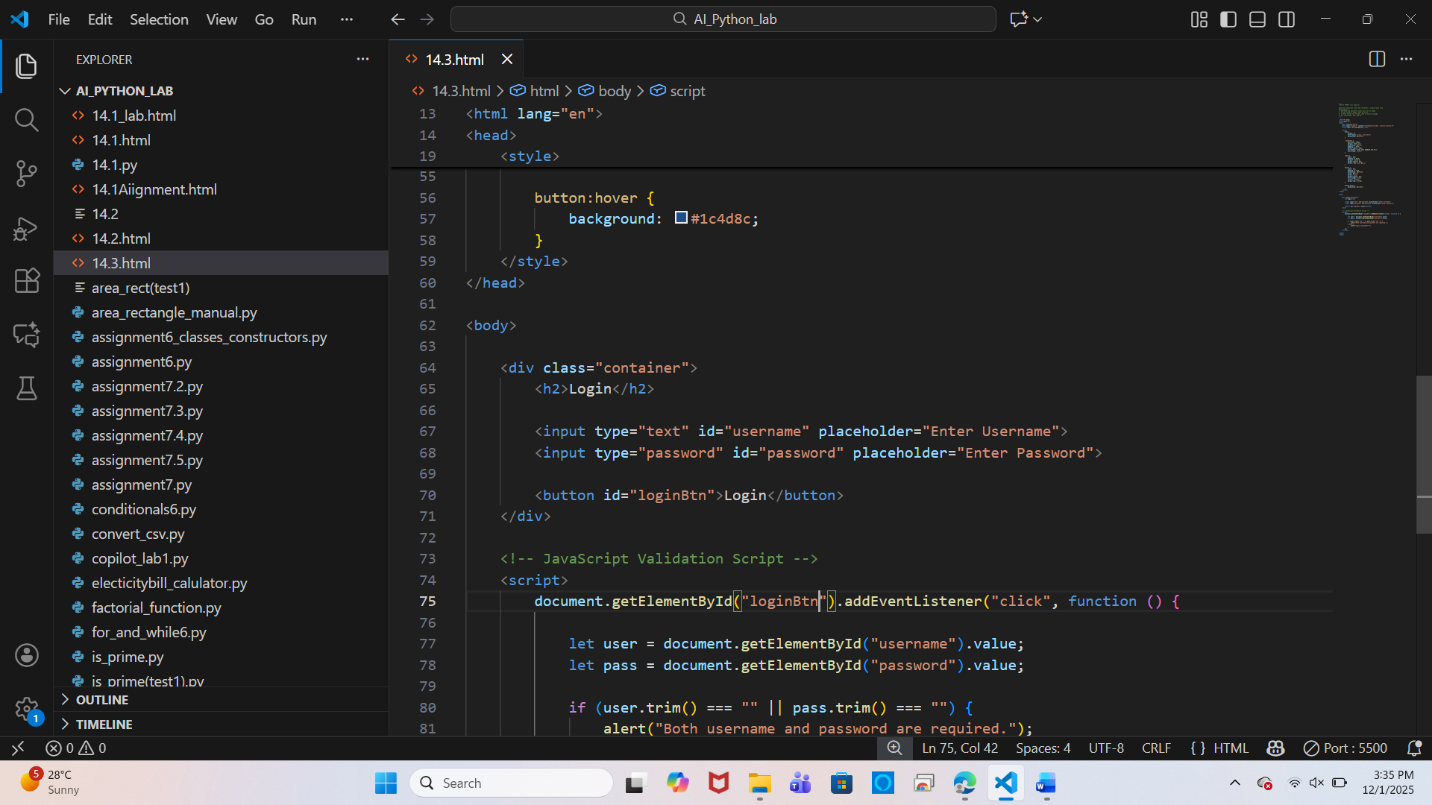
****

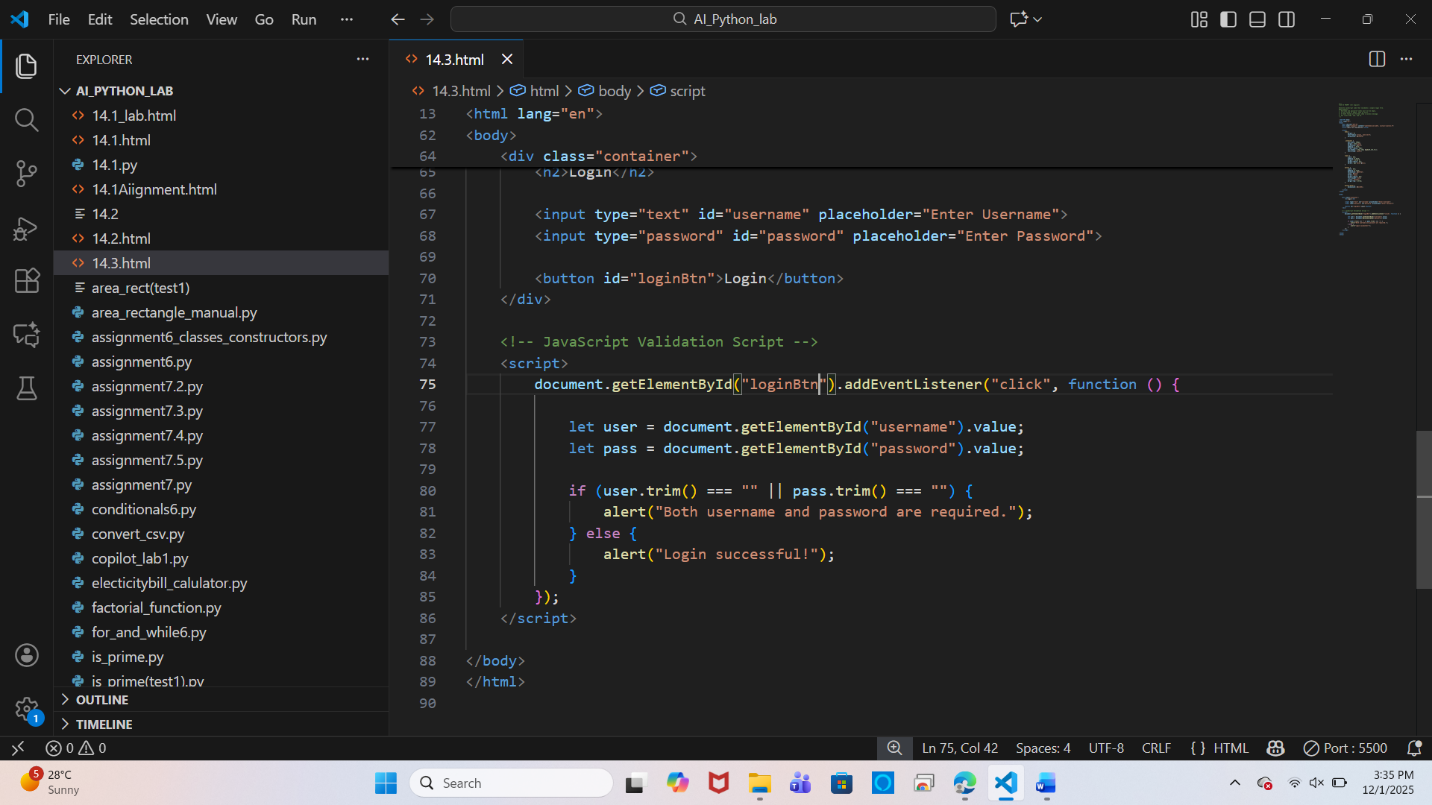
**Task Description #3 – JavaScript Interactivity**

**Task: Prompt AI to generate a JS script that validates a simple login form (non-empty username/password).**

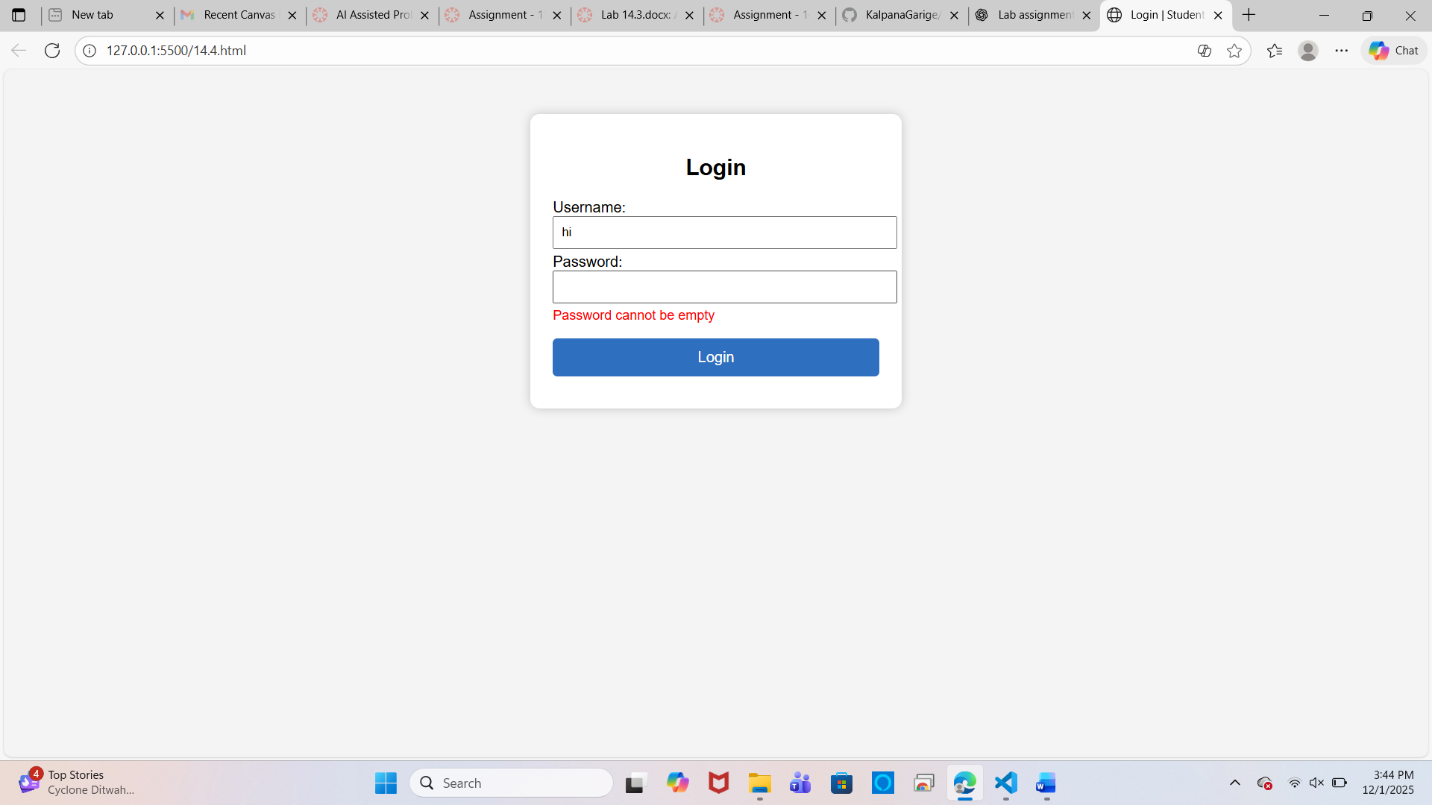


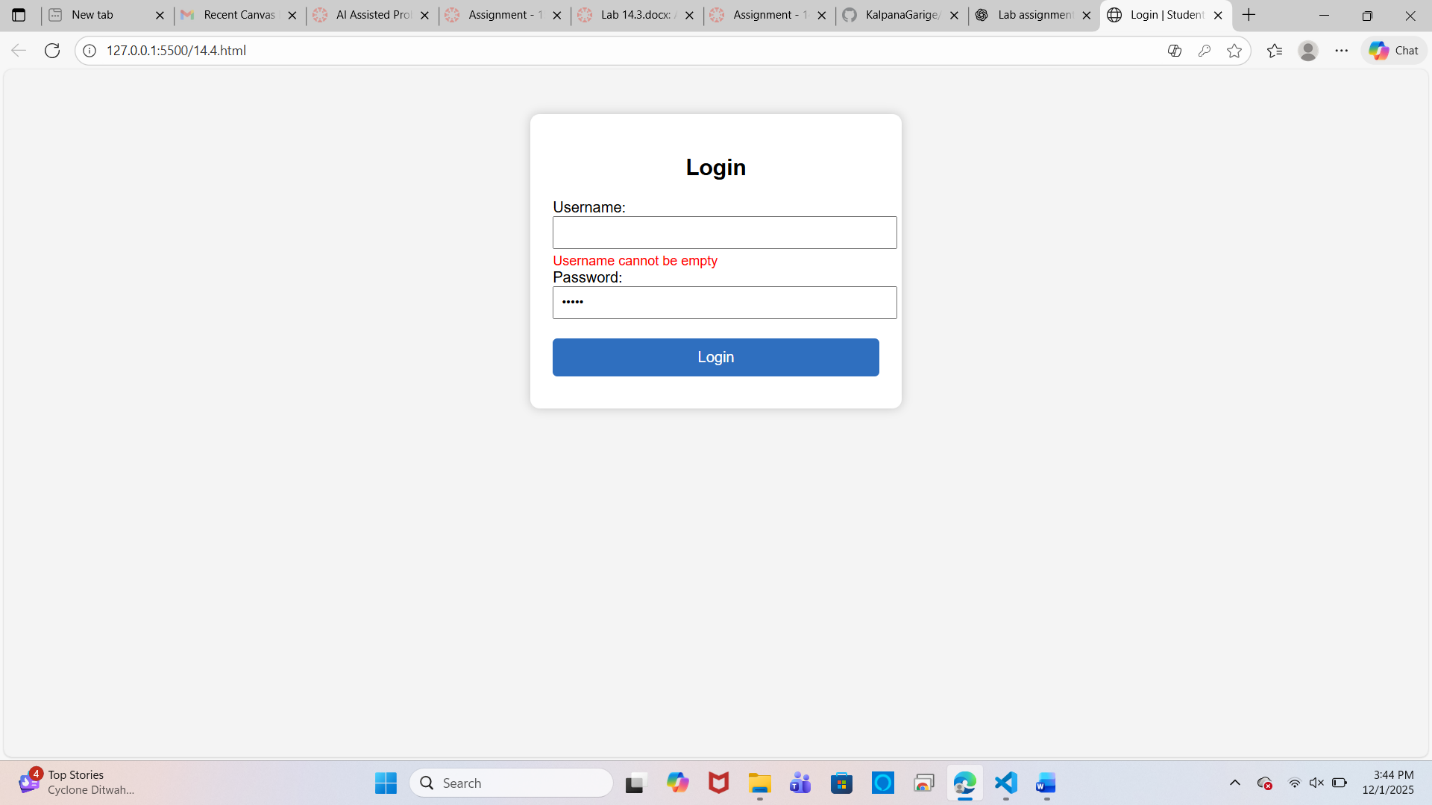


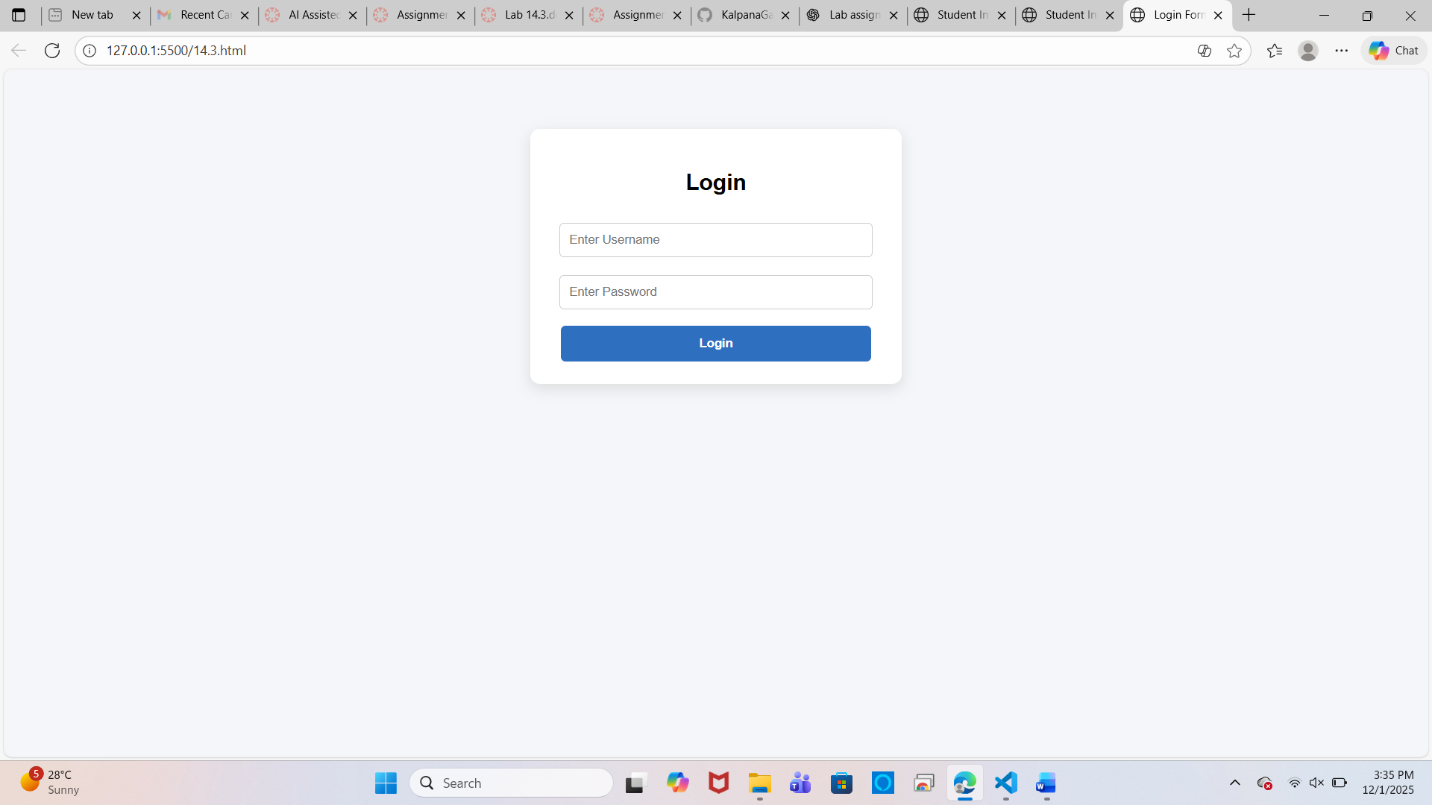




**Output:**

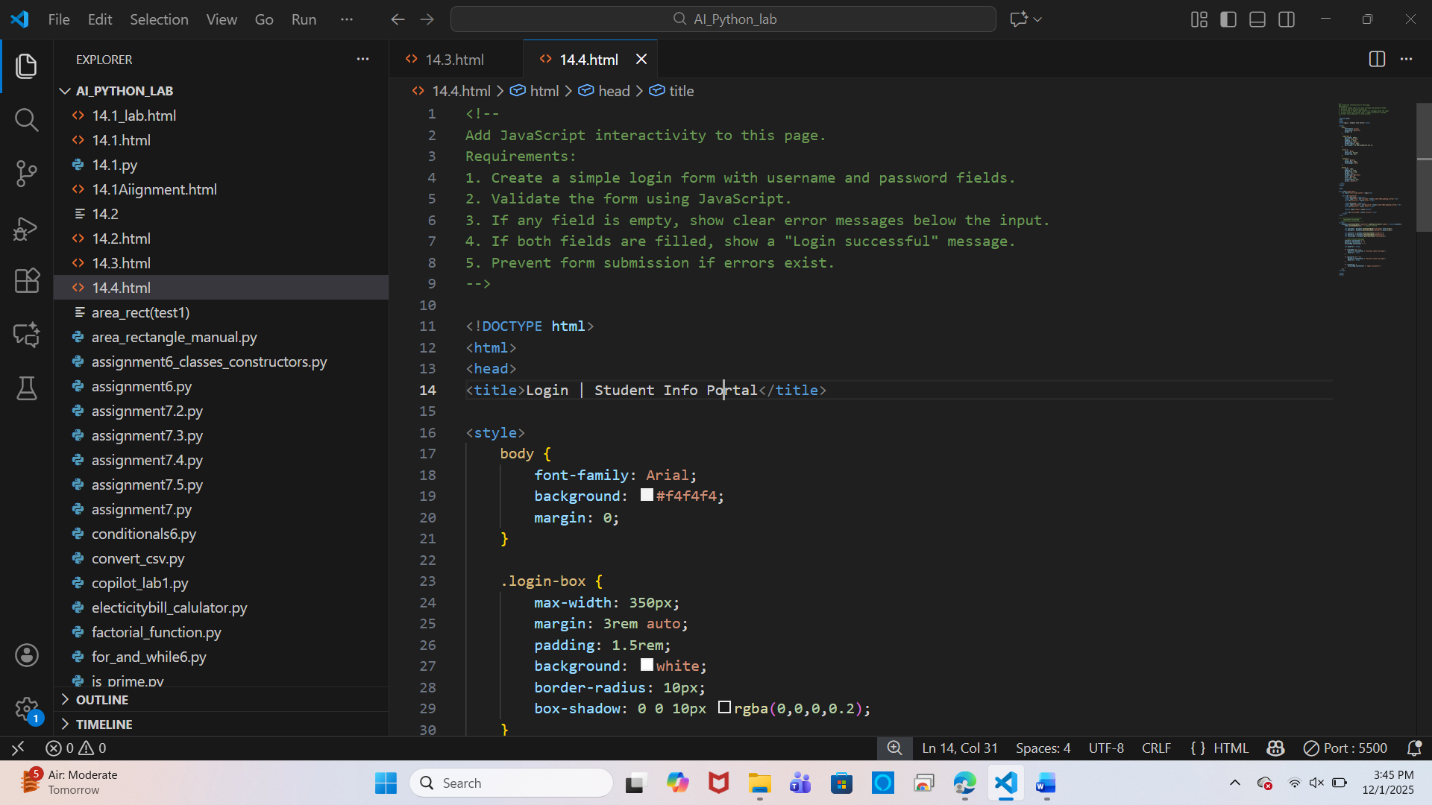
****

****

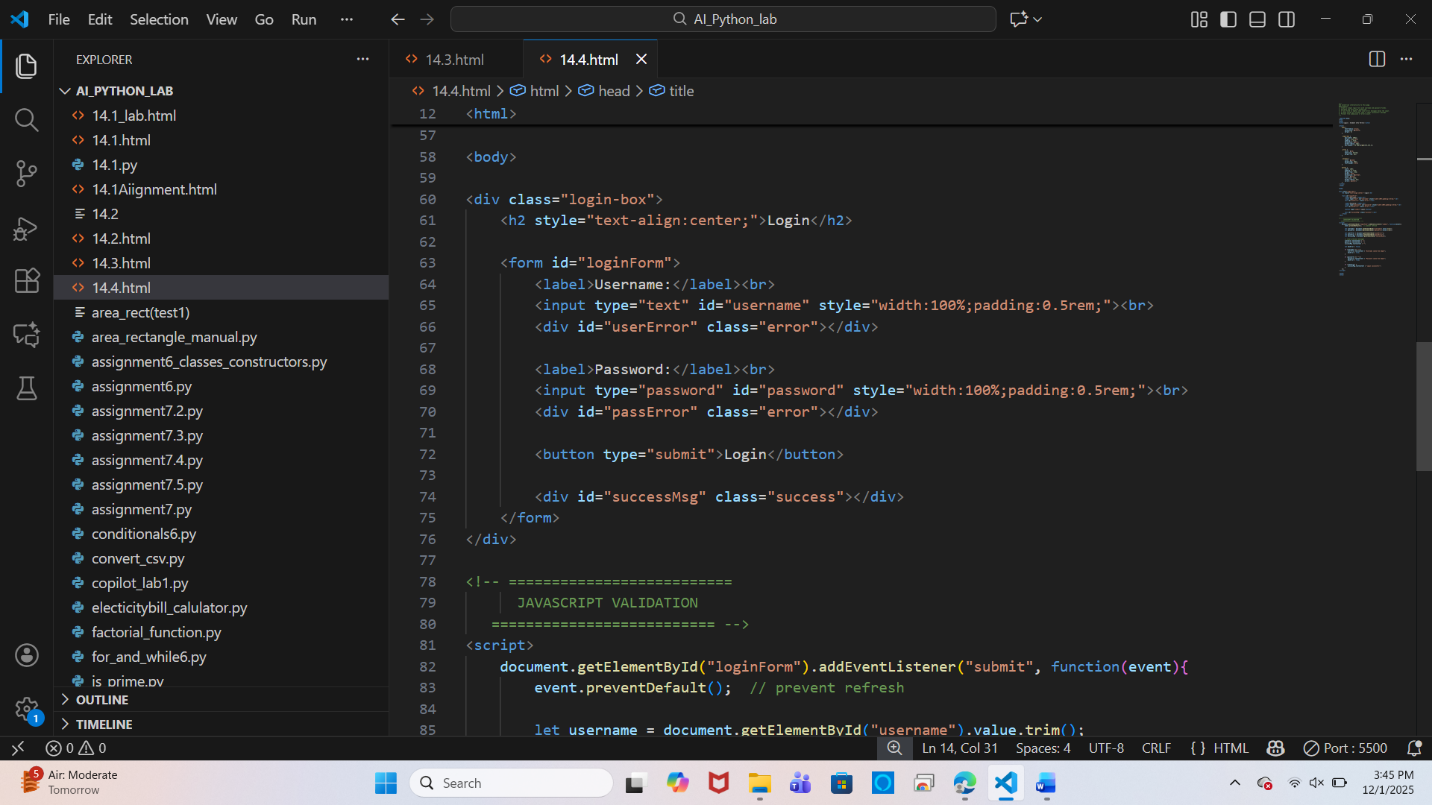


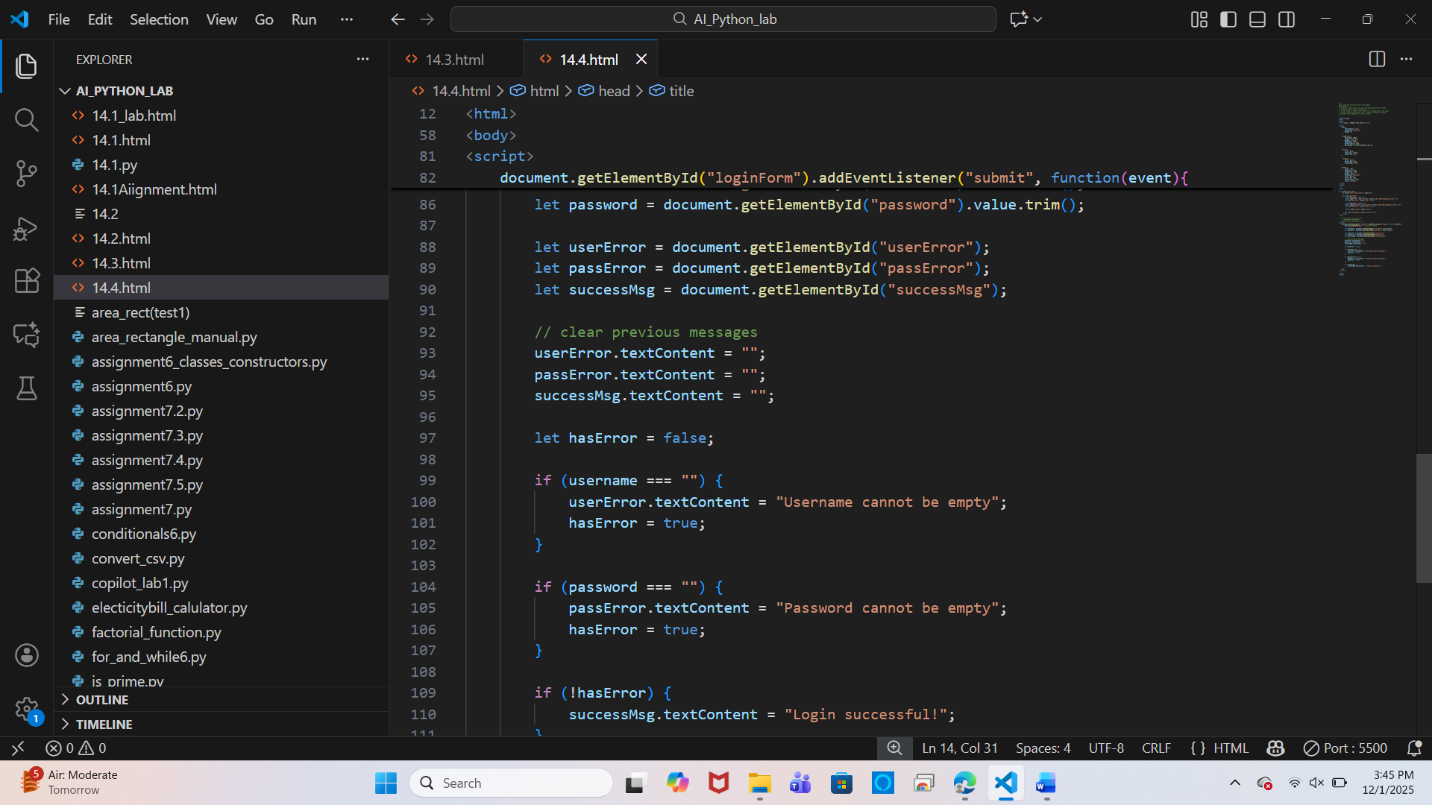
**Task Description #4 – Python Backend Integration**

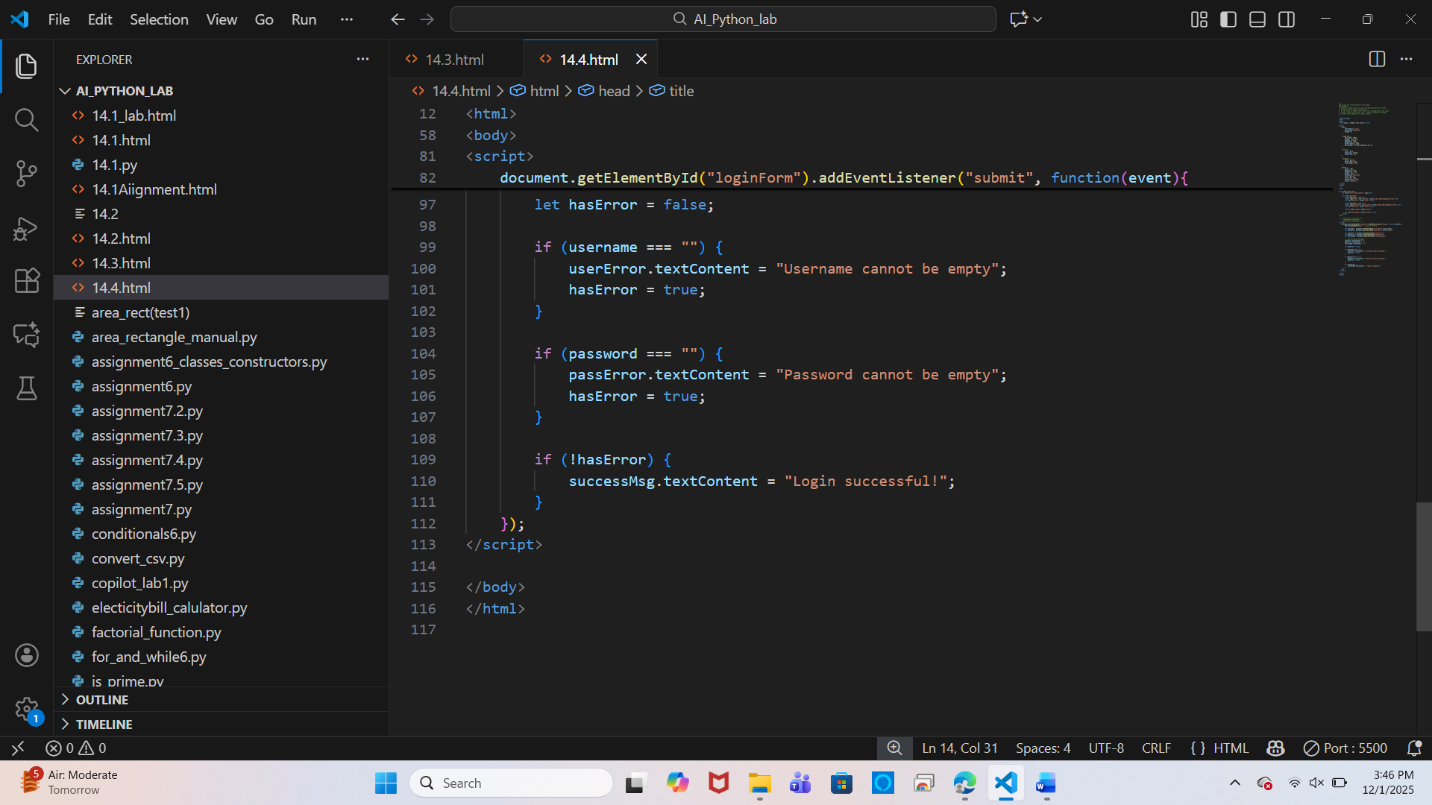
**Task: Ask AI to generate a Flask app that serves the HTML form (Task #3) and prints the username on successful login**

****

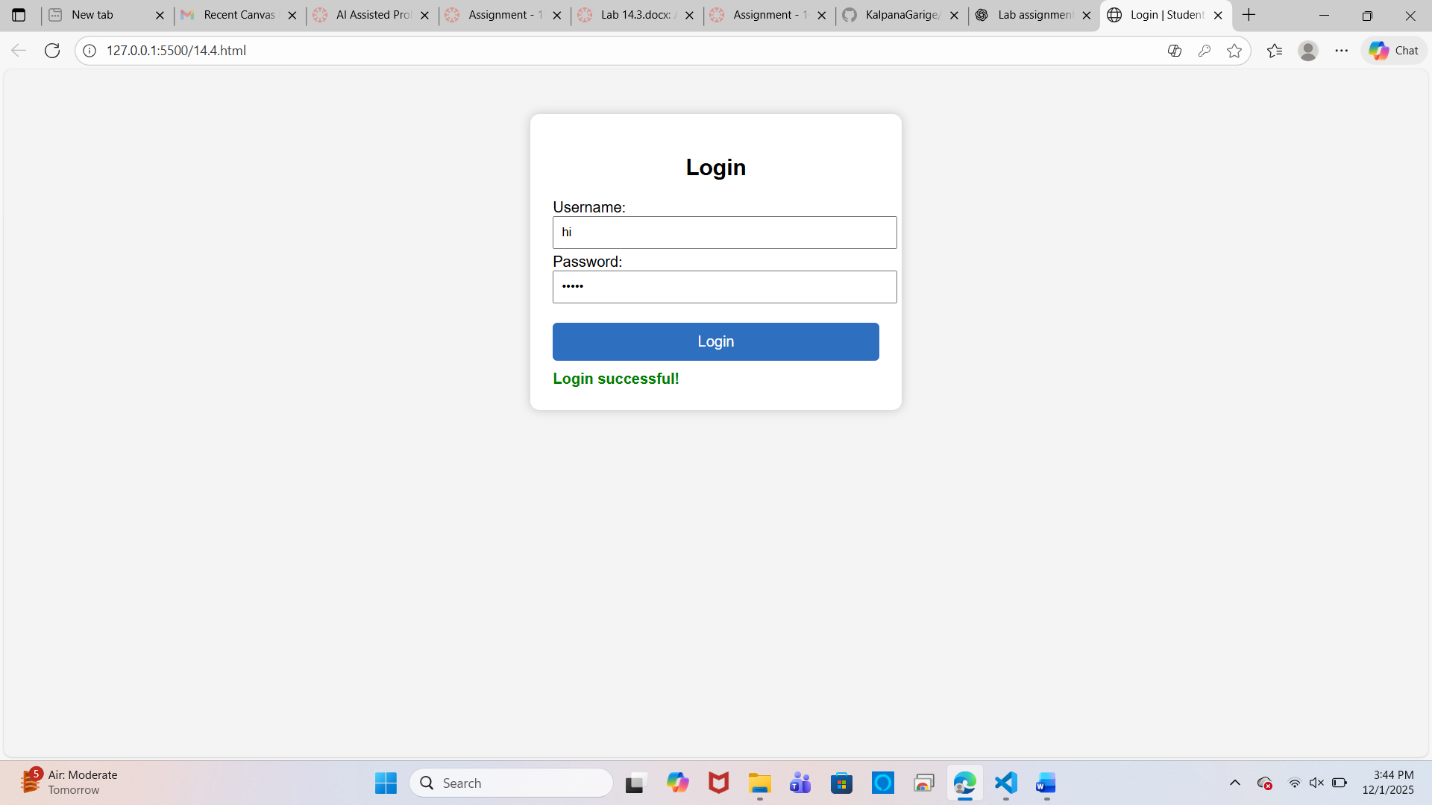
****

****

****

****

**Output:**

****