PROJECT ON

Code Refactoring and Bug Report

On

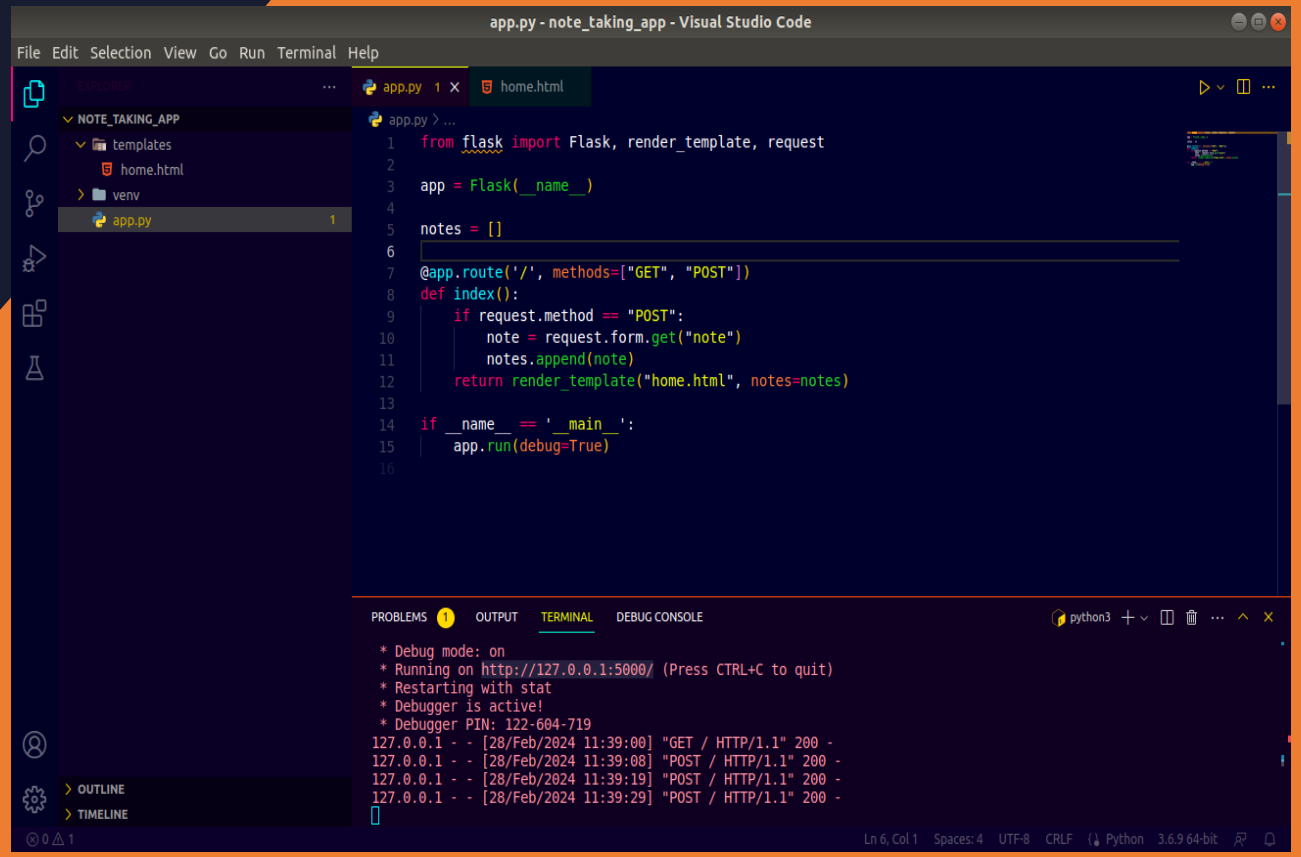
Note Taking Application

About Me

- *I am **Chirag Gohil** below is my background information :*
- ***Background:***
- *Currently pursuing Data Science Master Certificate Program at Fingertips & Jain University , Ahmedabad .*
- *Completed BCA from GLS University , Ahmedabad (**CGPA : 8.2**)*
- ***Why Data Science:***
- *Passion for leveraging technology to derive insights and solve complex problems.*
- *Aiming to apply data science to innovate and contribute to real-world solutions.*
- ***Work Experience**:*
- *Data Science Intern at **Innomatics** **Research Labs**, specializing in Data Science.*
- ***LinkedIn & GitHub**:*
- *Linkedin : https://www.linkedin.com/in/chiraggohil28*
- *Github : https://github.com/Gohil28*

Project Overview

- *Project Overview* : The Note Taking Application is a Python-based web tool developed using Flask for the backend and HTML for the frontend. It allows users to input and view notes in a simple interface.
- *Main Features* : Note addition, instant display.
- *Technologies* : Python, Flask, HTML.



This Flask application defines a route at the root URL ("/") that handles both GET and POST requests.

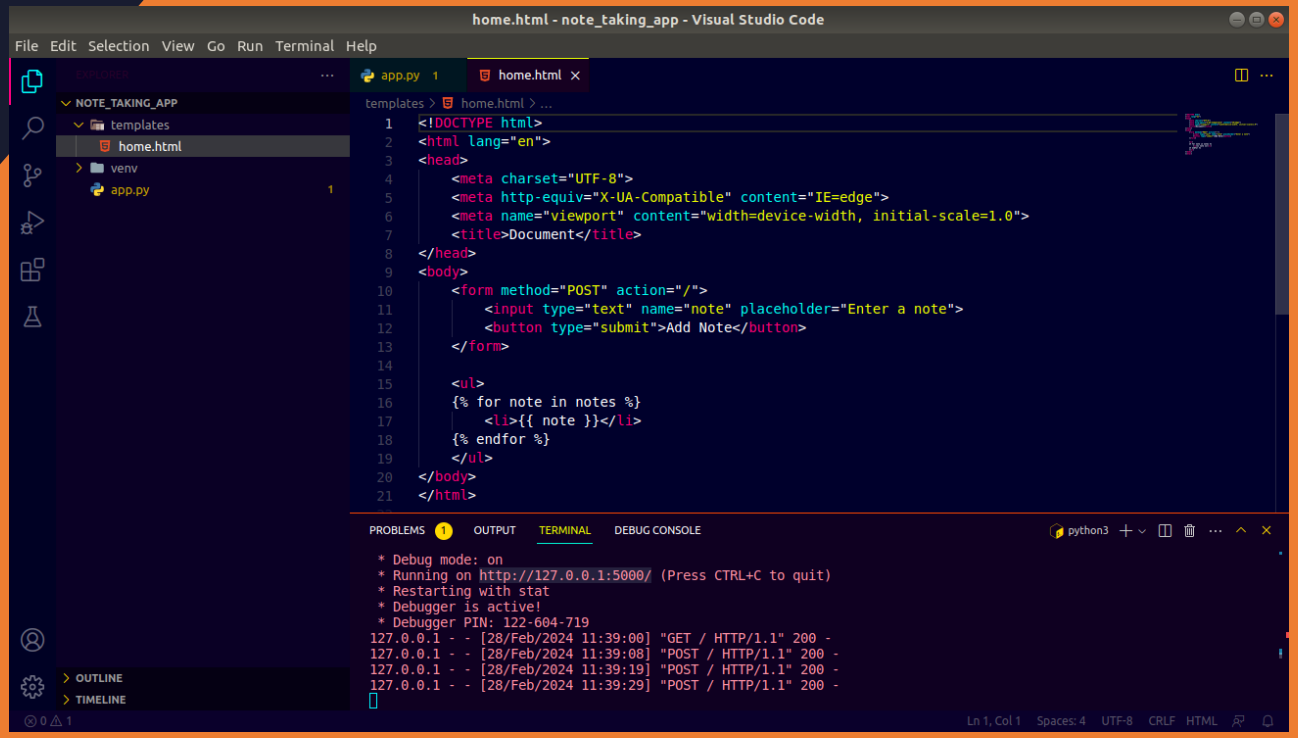
In the `index()` function:

- *It checks if the incoming request is a POST request.*
- *If it is, it retrieves the value entered in the "note" field of the form submitted.*
- *It then appends this note to the `notes` list.*
- *Finally, it renders the "home.html" template, passing the `notes` list to be displayed.*

When the application is run:

- *It starts the Flask development server in debug mode, allowing for real-time debugging of any errors that occur.*

Overall, this code creates a simple Note Taking Application where users can add notes, which are then displayed on the same page.

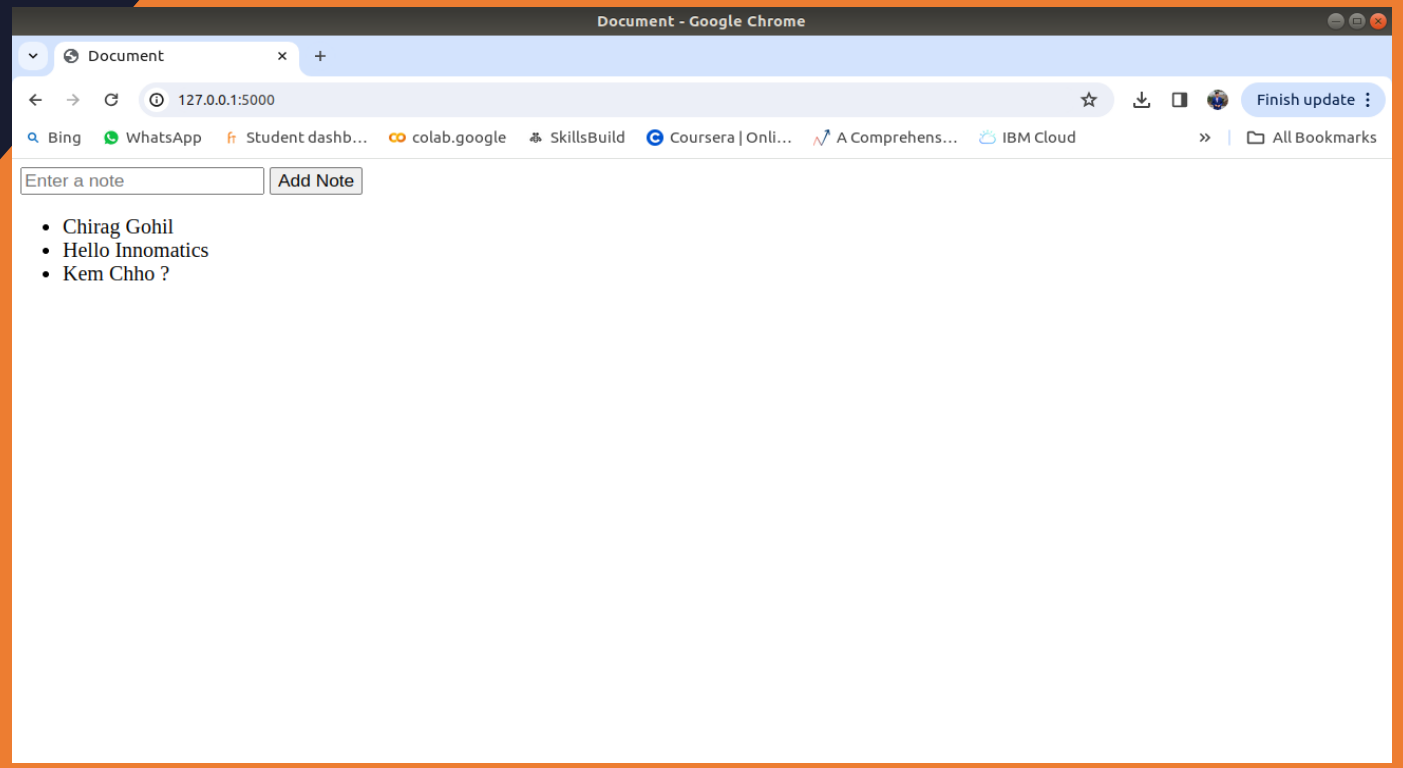


This HTML code creates a web form that allows users to input notes.

When submitted, the form sends a POST request to the Flask route defined at the root URL ("/").

The entered note is then added to the list of notes stored in the Flask application.

The page dynamically displays all notes in an unordered list format using Flask's Jinja templating syntax.



Upon submitting a note through the input field and clicking 'Add Note,' the Flask application dynamically updates the webpage, displaying the newly added note in the list below.

Thank You