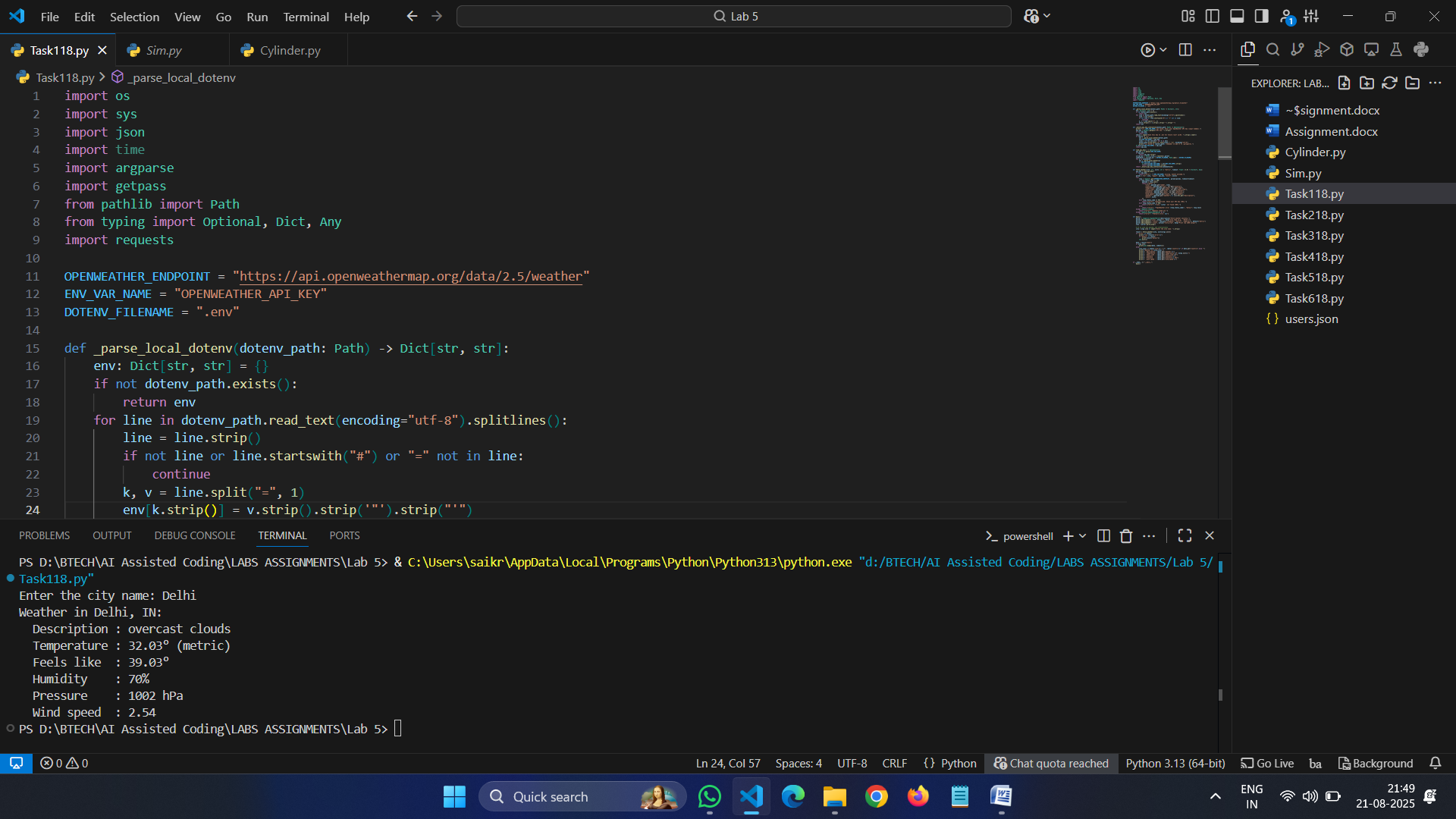
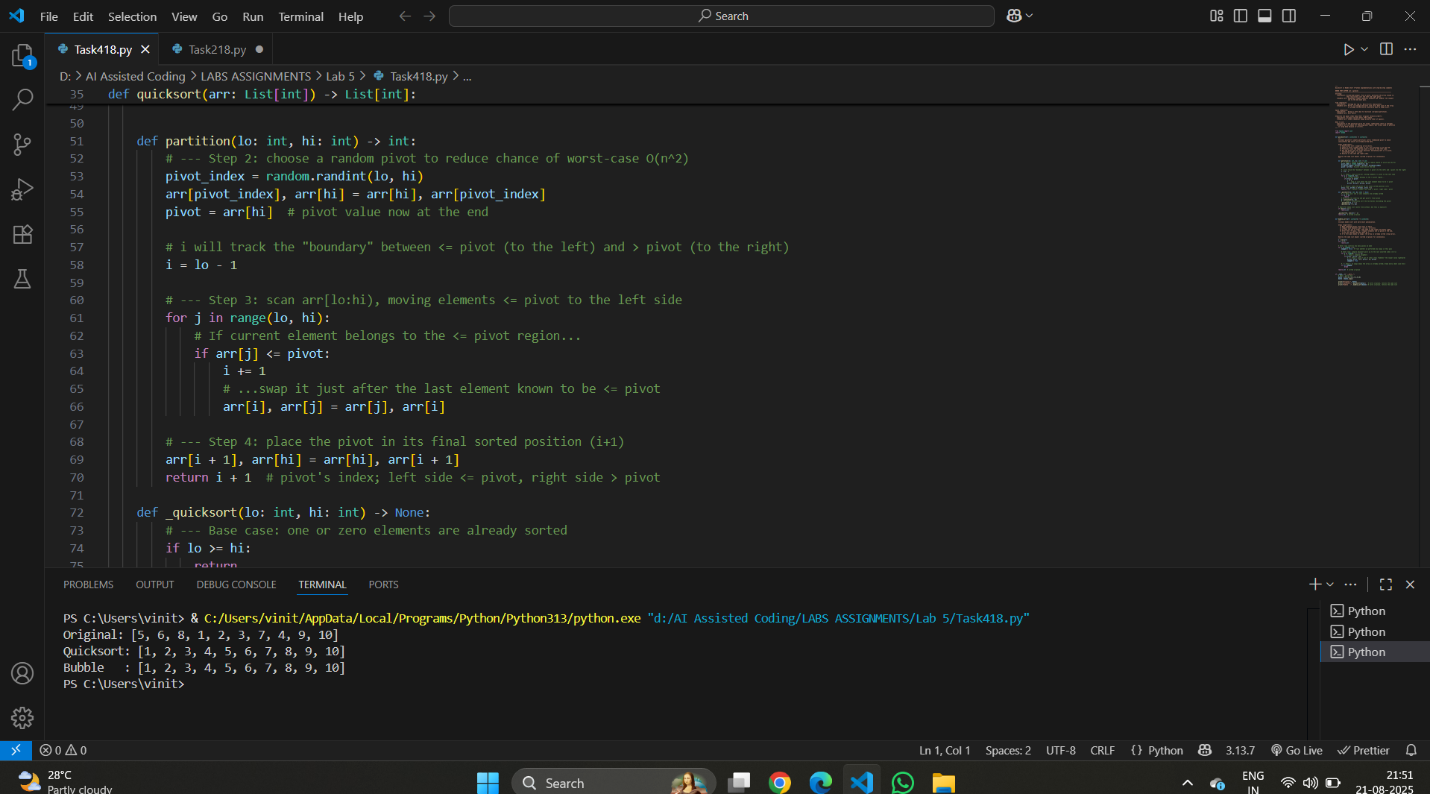
**Assignment – 5**

**Name : R.Shivani**

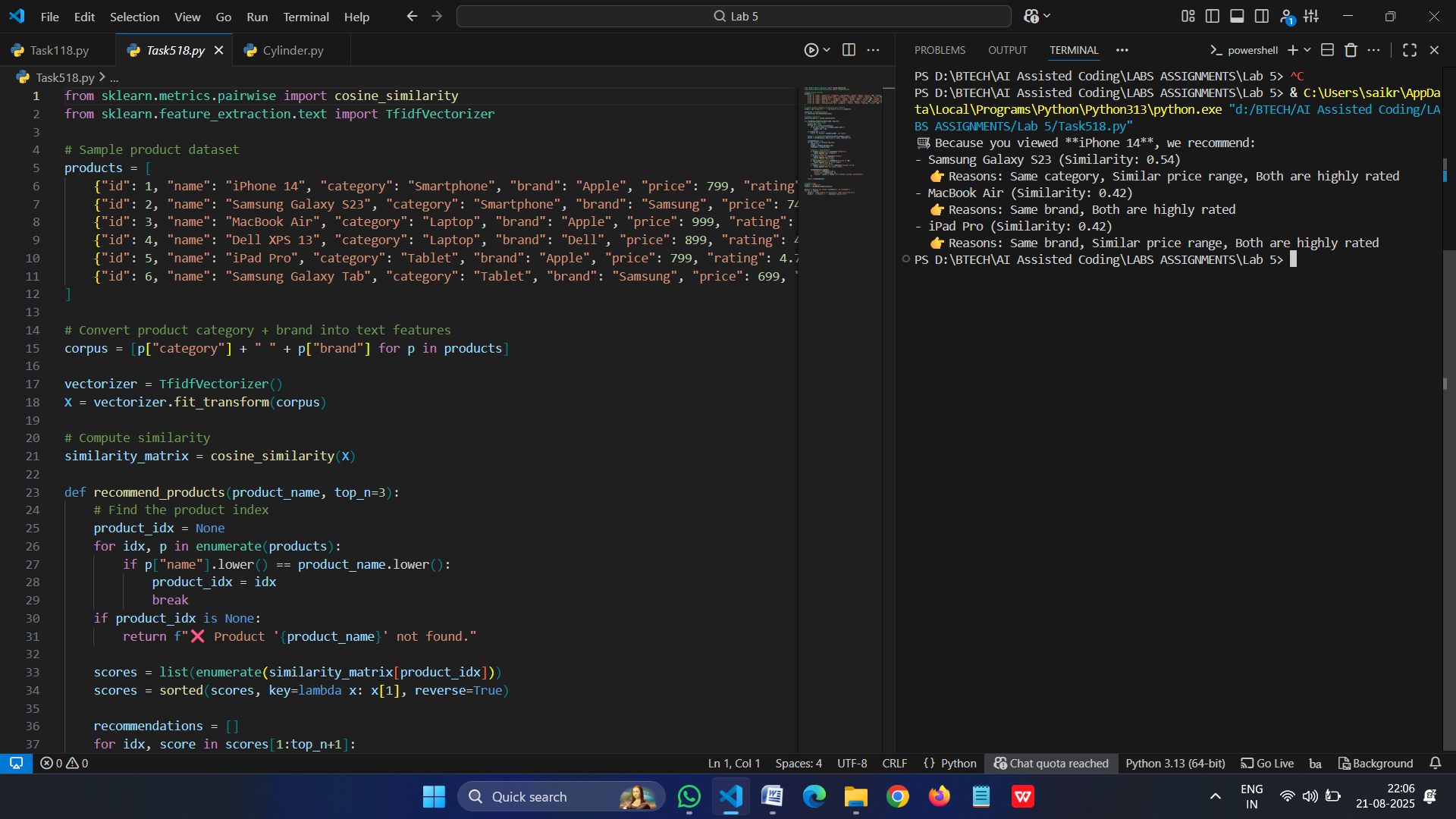
**Roll Number : 2403A52411**

**Batch : 15**

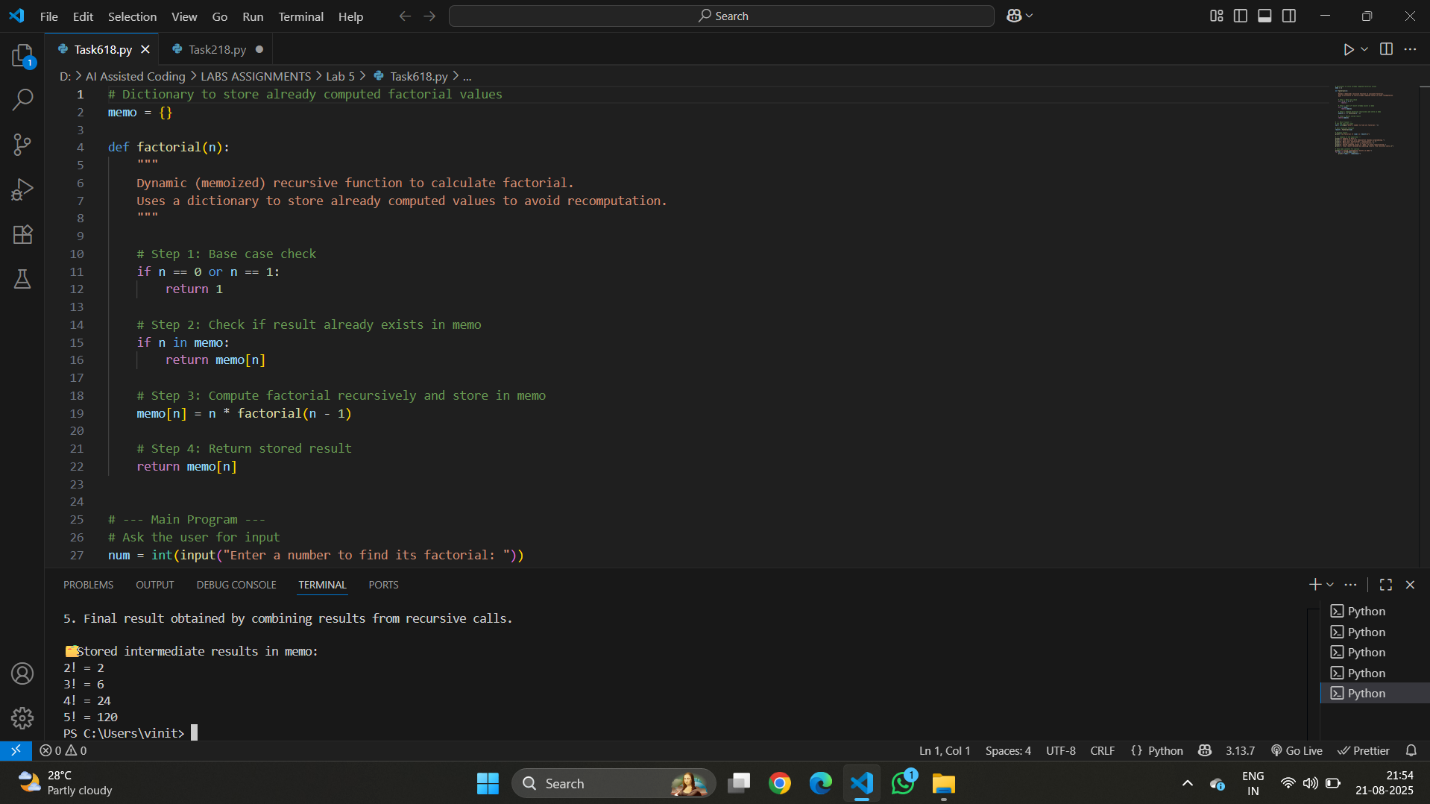
* Generate code to fetch weather data securely without exposing API keys in the code.****
* Generate Python code for QuickSort and BubbleSort, and include comments explaining step-by-step how each works and where they differ.

****

* Generate a recommendation system that also provides reasons for each suggestion



* Generate a recursive factorial function with comments that explain each line and a final summary of the algorithm’s flow



**•** Prompt GitHub Copilot to generate a Python script that collects user data (e.g., name, age, email). Then, ask Copilot to add comments on how to anonymize or protect this data.

A screenshot of a computer

AI-generated content may be incorrect.

* Generate an Armstrong number checking function with comments and explanation.

A screenshot of a computer

AI-generated content may be incorrect.