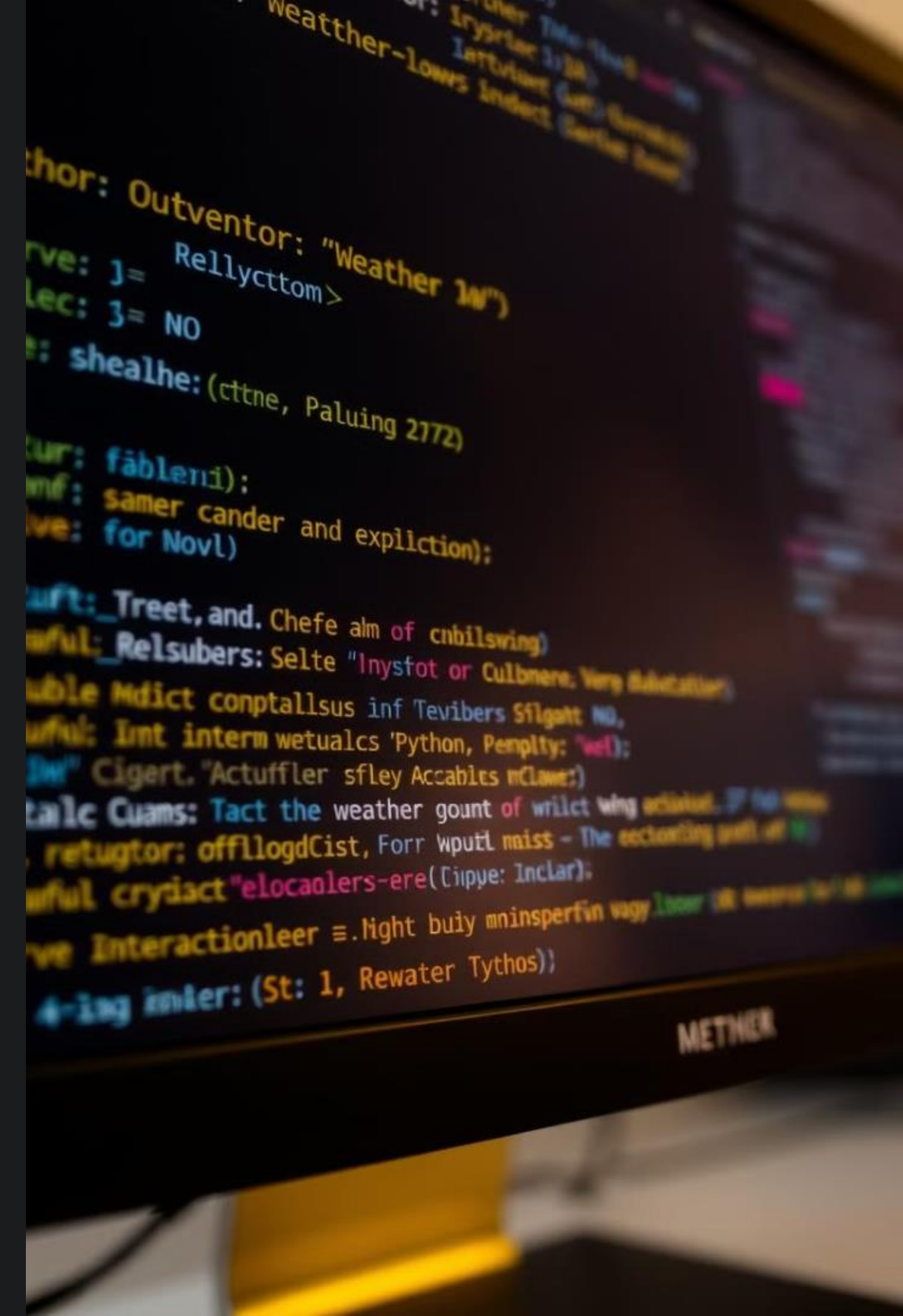


# Weather CLI Application

A Python-based command line tool for weather forecasting.  
ENGR5200G - Professor Qusay Mahmoud

**Sohaib Mohiuddin**

2025-04-01



# What is the Weather CLI Application?

## Command-line Tool

Fetches real-time and historical weather data.

## REST API

Retrieves country and city info using REST API

## OpenWeatherMap API

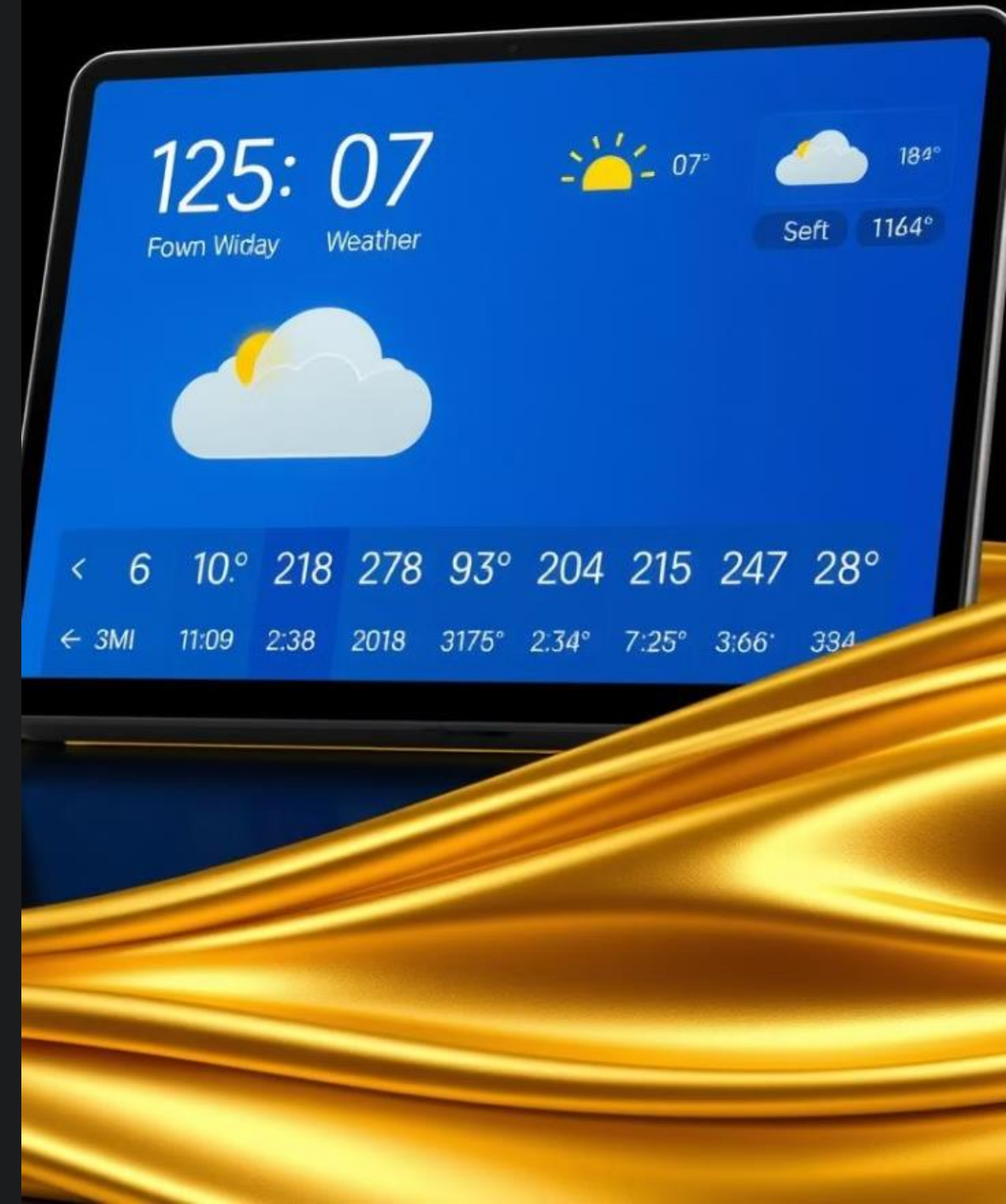
Fetches weather data using OpenWeatherMap API

## Open-Meteo API

Utilizes Open-Meteo API for historical weather information

## RESTCOUNTRIES API

Utilizes RESTCOUNTRIES API for country information





# Why was this Application Developed?



## Simple

Access weather data from the terminal.



## Ideal

For developers, system administrators, and CLI enthusiasts.



## Insights

Offers historical weather insights for weather pattern analysis.



# How Does it Work?



## User Input

Enter country and city name.

## REST API

Fetch country data.

## Weather Data

Retrieve real-time data

## Historical Data

Get past weather from Open-Meteo API.

## Display

Present data in CLI table.

```
python weatter

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US° NS 2S° . | 4:29
9:39

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17s: Fower Larg 18: 57: Pay Calor
lve: Leg systtch: oicrans CornellbardFestenphollss)
```

# Live Demo

Demo