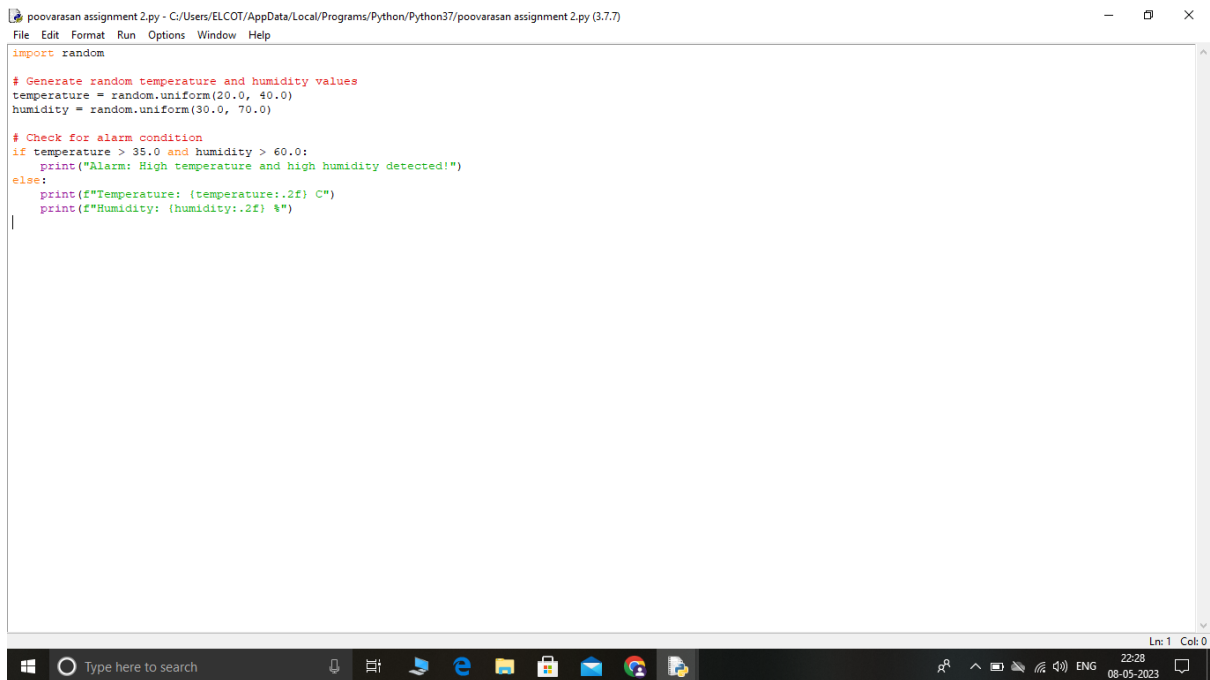


Python code :



```
poovarasan assignment 2.py - C:/Users/ELCOT/AppData/Local/Programs/Python/Python37/poovarasan assignment 2.py (3.7.7)
File Edit Format Run Options Window Help

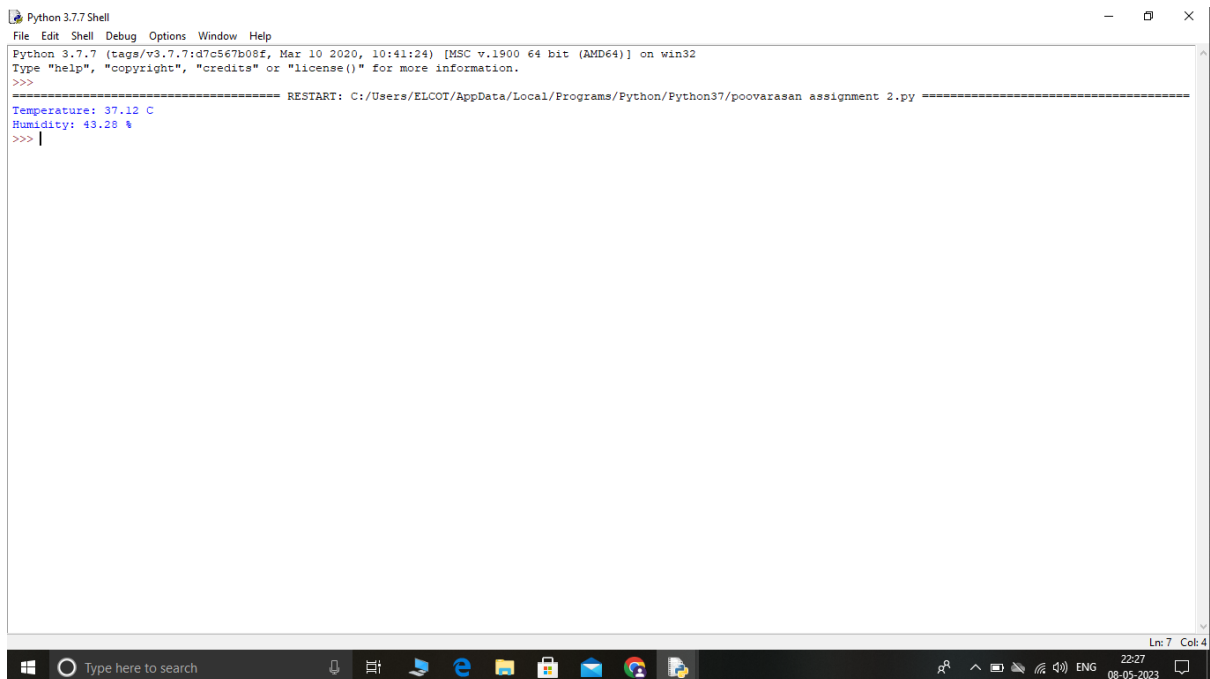
import random

# Generate random temperature and humidity values
temperature = random.uniform(20.0, 40.0)
humidity = random.uniform(30.0, 70.0)

# Check for alarm condition
if temperature > 35.0 and humidity > 60.0:
    print("Alarm: High temperature and high humidity detected!")
else:
    print(f"Temperature: {temperature:.2f} C")
    print(f"Humidity: {humidity:.2f} %")
|
```

Ln: 1 Col: 0

Output:



```
Python 3.7.7 Shell
File Edit Shell Debug Options Window Help

Python 3.7.7 (tags/v3.7.7:d7c567b08f, Mar 10 2020, 10:41:24) [MSC v.1900 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ELCOT/AppData/Local/Programs/Python/Python37/poovarasan assignment 2.py =====
Temperature: 37.12 C
Humidity: 43.28 %
>>> |
```

Ln: 7 Col: 4