

assign.py(1).py - C:/Users/ELCOT/AppData/Local/Programs/Python/Python311/assign.py(1).py (3.11.3)

File Edit Format Run Options Window Help

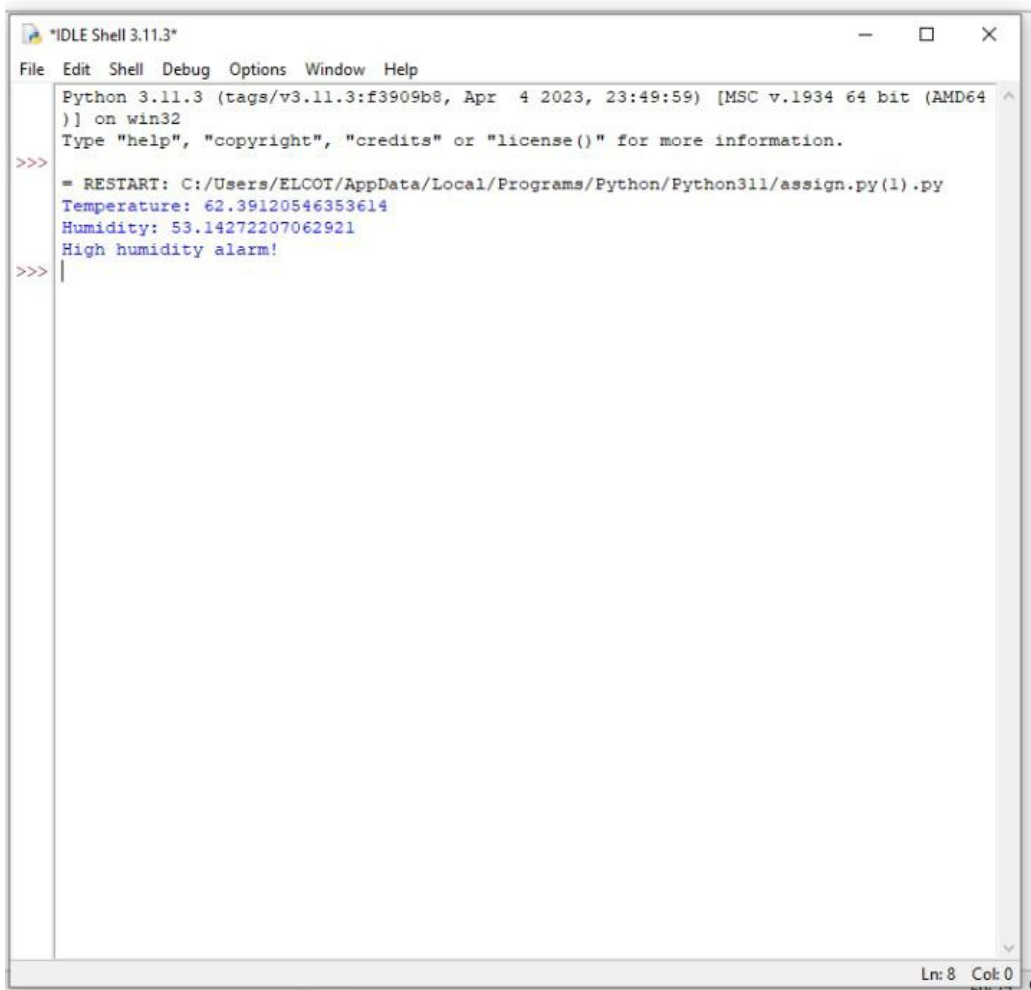
```
import random

#set the threshold values for temperature and humidity
TEMP_THRESHOLD=85#degrees celsius
HUMIDITY_THRESHOLD=45#percent

#Generate a random temperature value between 0 and 100 degrees celsius
temperature=random.uniform(0,100)
print("Temperature:",temperature)

#Generate a random humidity value between 0 and 100 percent
humidity=random. uniform(0,100)
print("Humidity:",humidity)

#Check if either temperature or humidity is above the threshold
if temperature>TEMP_THRESHOLD:
    print("High temperature alarm!")
if humidity>HUMIDITY_THRESHOLD:
    print("High humidity alarm!")
```



The screenshot shows a standard Windows application window titled "IDLE Shell 3.11.3". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area displays the following content:

```
Python 3.11.3 (tags/v3.11.3:f3909b8, Apr 4 2023, 23:49:59) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/ELCOT/AppData/Local/Programs/Python/Python311/assign.py(1).py
Temperature: 62.39120546353614
Humidity: 53.14272207062921
High humidity alarm!
>>> |
```

The status bar at the bottom right indicates "Ln: 8 Col: 0".