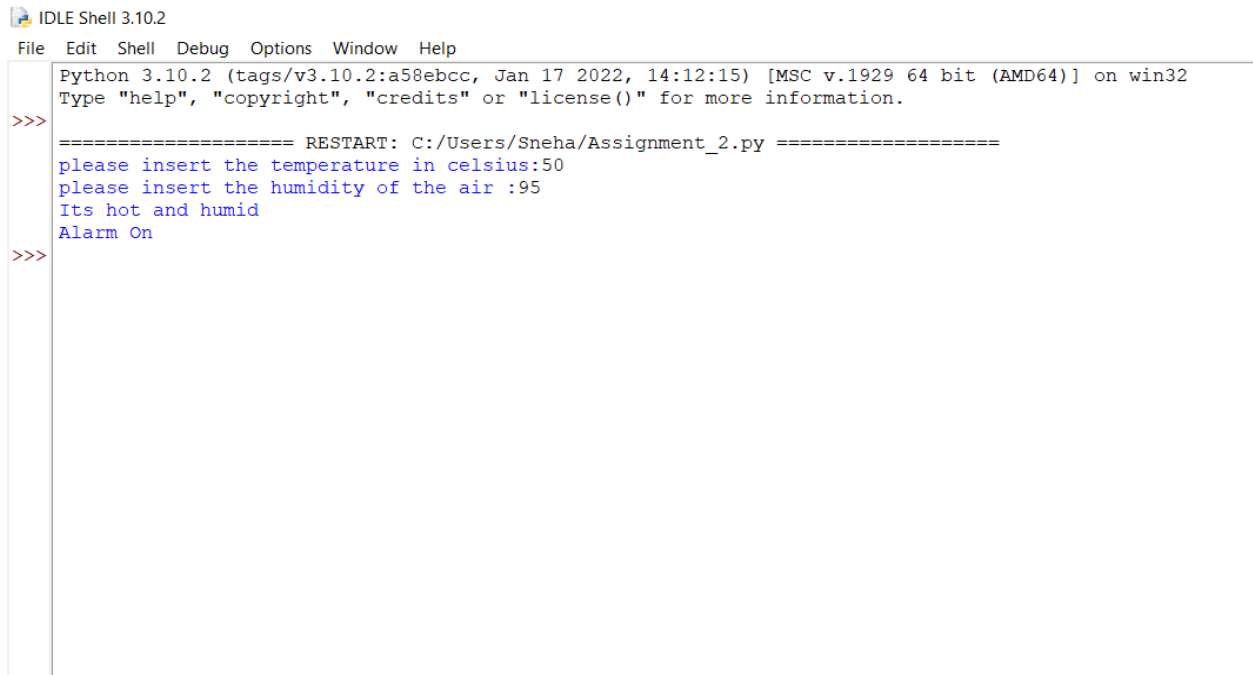## ASSIGNMENT-2 IOT

QUESTION: Build a python code.Assume u get temperature and humidity values(generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

PYTHON CODE:

```python
import random
temp=random.randint(1,100)
hum=random.randint(1,100)

temperature = int(input("please insert the temperature in celsius:"))
humidity = int(input("please insert the humidity of the air :"))
if temperature > 30:
    if humidity > 90:
        print("Its hot and humid")
        print("Alarm On")
    else:
        print("Its hot but not hamid")
        print("Alarm Off")
else:
    print("Its not hot")
    print("Alarm not detected")
```

OUTPUT:

File   Edit   Shell   Debug   Options   Window   Help

```
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===================== RESTART: C:/Users/Sneha/Assignment_2.py =====================
please insert the temperature in celsius:50
please insert the humidity of the air :95
Its hot and humid
Alarm On
>>>
```