ASSIGNMENT – II

DOMAIN: IoT

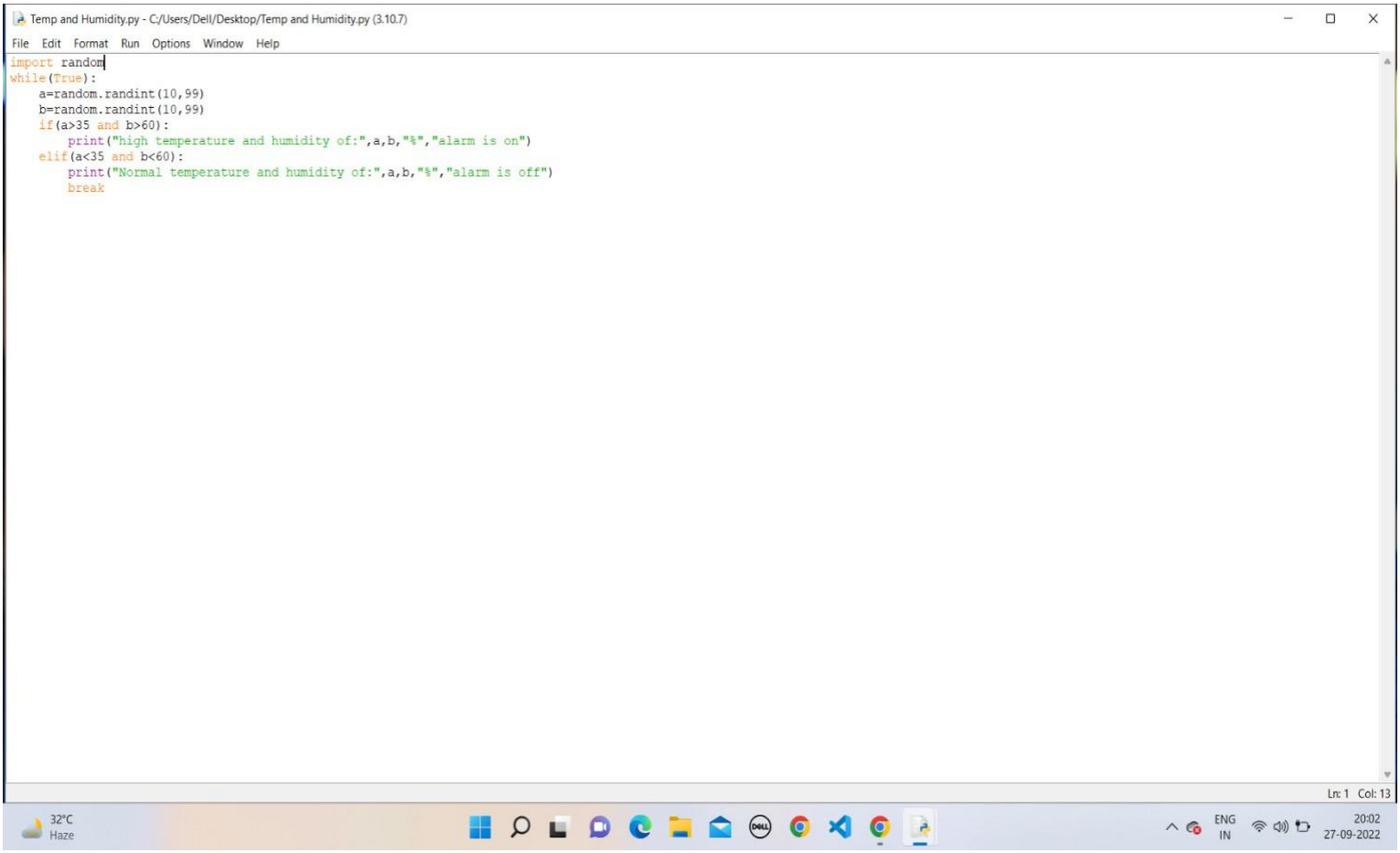
PROJECT TITLE: Smart Farmer – IOT Enabled Smart Farming Application

ASSIGNMENT TITLE:

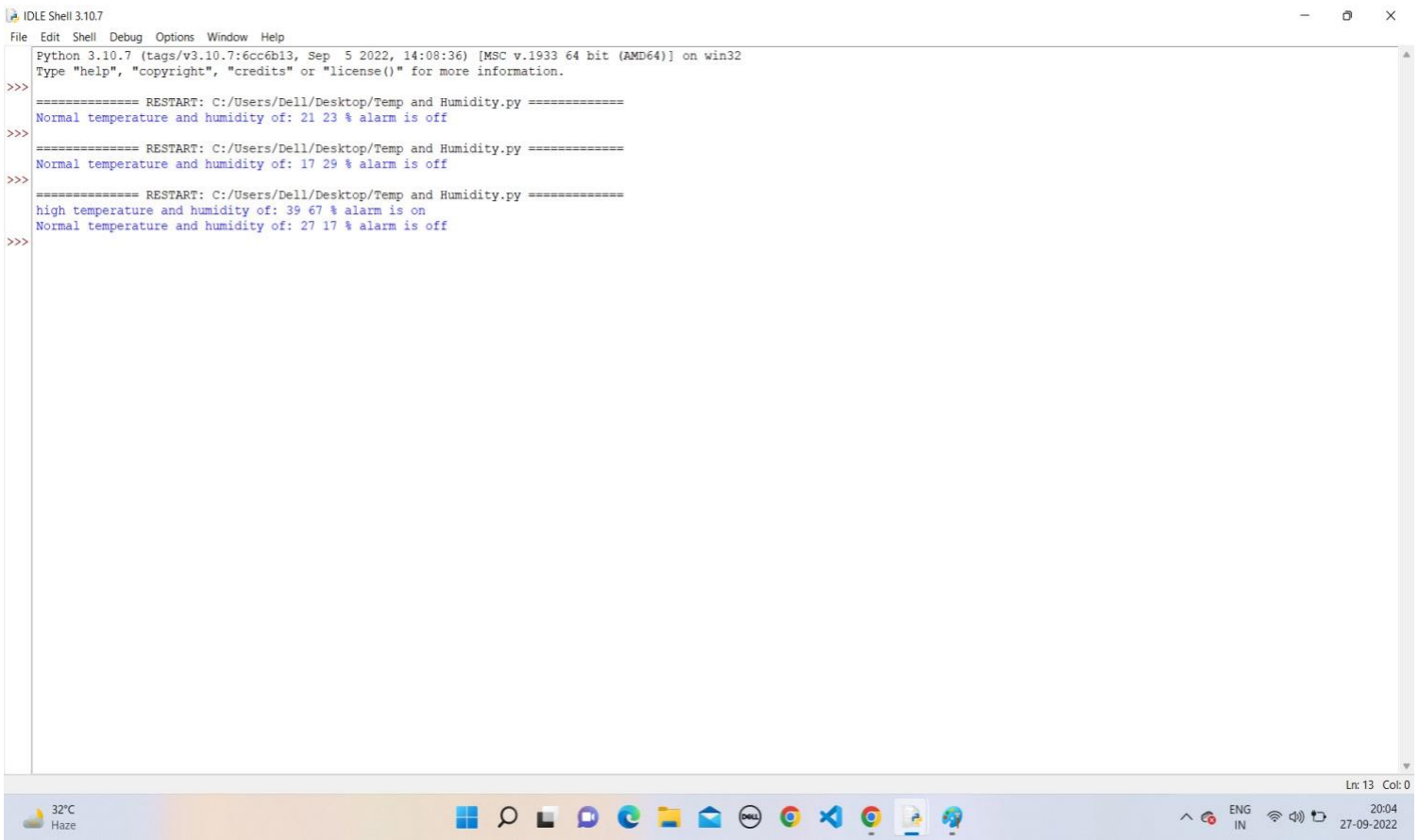
Build a python code, Assume u get temperature and humidity values(generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

CODE:

```
import random while(True):
   a=random.randint(10,99)
b=random.randint(10,99)     if(a>35
and b>60):
      print("high temperature and humidity of:",a,b,"%","alarm is on")
elif(a<35 and b<60):
      print("Normal temperature and humidity of:",a,b,"%","alarm is
off")        break
```


Temp and Humidity.py - C:/Users/Dell/Desktop/Temp and Humidity.py (3.10.7)
File Edit Format Run Options Window Help
import random
while(True):
a=random.randint(10,99)
b=random.randint(10,99)
if(a>35 and b>60):
print("high temperature and humidity of:",a,b,"%","alarm is on")
elif(a<35 and b<60):
print("Normal temperature and humidity of:",a,b,"%","alarm is off")
break
Ln: 1 Col: 13

32°C
Haze
ENG
IN
20:02
27-09-2022


IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/Dell/Desktop/Temp and Humidity.py ==========
Normal temperature and humidity of: 21 23 % alarm is off
>>>
========== RESTART: C:/Users/Dell/Desktop/Temp and Humidity.py ==========
Normal temperature and humidity of: 17 29 % alarm is off
>>>
========== RESTART: C:/Users/Dell/Desktop/Temp and Humidity.py ==========
high temperature and humidity of: 39 67 % alarm is on
Normal temperature and humidity of: 27 17 % alarm is off
>>>
Ln: 13 Col: 0

32°C
Haze
ENG
IN
20:04
27-09-2022