ASSIGNMENT 2

Project Name	SmartFarmer – IoT Enabled Smart Farming Application
Team ID	PNT2022TMID06004

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.

CODE

```python
import random while(True):

    a=random.randint(10,100)

b=random.randint(10,100)     if(a>38

and b>75):

        print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")

elif(a<38 and b<75):

        print("Normal Temperature and Humidity of:",a,b,"%","Alarm is OFF")

break
```

OUTPUT

▶ Run ⊙ Debug ■ Stop ⚑ Share H Save { } Beautify ±

Language Python 3 ∨

main.py | code ibm ⋮

```python
1  import random
2  while(True):
3      a=random.randint(10,100)
4      b=random.randint(10,100)
5      if(a>38 and b>75):
6          print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")
7      elif(a<38 and b<75):
8          print("Nomal Temperature and Humidity of:",a,b,"%","Alarm is OFF")
9          break
```

input

```
High Temperature and Humidity of: 99 83 % Alarm is ON
High Temperature and Humidity of: 51 85 % Alarm is ON
High Temperature and Humidity of: 33 33 % Alarm is OFF

...Program finished with exit code 0
Press ENTER to exit console.
```