

ASSIGNMENT NO-2

Project Name: SmartFarmer - IoT Enabled Smart Farming Application

Batch Number: B5-51ME

Assignment Topic : Assignment on temperature and humidity sensing and alarm automation using python

Code:

```
import random

while(True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>40 and b>70):

        print("high temprature and humidity of:",a,b,"% ","alarm is on")

    elif(a<30 and b<55):

        print("Normal temprature and humidity of:",a,b,"% ","alarm is off")

    break
```

TEAM MEMBERS

Team Leadeard : Devarampati vishnuvardhan

Team Member-1 : choppara sreecharan

Team Member-2 : Sangani Bhanuchand

Team Member-3:Karthi

OnlineGDB beta

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code. compile. run. debug. share.

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main.py

1 import random

2

3 while(True):

4

5 a=random.randint(10,99)

6

7 b=random.randint(10,99)

8

9 if(a>40 and b>70):

10

11 print("high temprature and humidity of:",a,b,"%","alarm is on")

12

13 elif(a<30 and b<55):

14

15 print("Normal temprature and humidity of:",a,b,"%","alarm is off")

16

17 break

input

high temprature and humidity of: 65 97 % alarm is on

Normal temprature and humidity of: 11 33 % alarm is off

...Program finished with exit code 0

Press ENTER to exit console.

Language Python 3

Run

Debug

Stop

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Error

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18:23

24-09-2022