

ASSIGNMENT NO -2

Project Name :Smart Farmer – IoT Enabled Smart Farming Application

Batch Number: B5-5M1E

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

Team Members

Team lead : A.AJITH KUMAR

Member-1 : P.BALAJI

Member-2 : P.MAGESH

Member-3 : V.SRIDHAR

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
```

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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.

Run

Debug

Stop

Share

Save

Beautify

Language Python 3

Type here to search

36°C Light rain

18:23

24-09-2022