

ASSIGNMENT NO-2

Project Name: Smart Farmer - IoT Enabled Smart Farming Application

Batch Number: B1-M3E

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
```

Name : SAMADHI JAYANTH

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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.

Online C Compiler - online editor

onlinegdb.com/online_c_compiler

Language Python 3

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18:23

24-09-2022