ASSIGNMENT NO-2

Project Name: SmartFarmer - IoT Enabled Smart Farming Application

Batch Number: B9-3A5E

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 Leadear : BOMMASANI BALAKRISHNA

Team Member-1 : G.SUMANTH REDDY

Team Member-2 : I.RAVI KIRAN

Team Member-3 : J.BHUVANESWAR

onlinegdb.com/online_c_compiler

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code. compile. run. debug. share.

Run   Debug   Stop   Share   Save   {} Beautify

Language Python 3

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main.py

```python
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
```

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.
```

Type here to search

36°C Light rain   ENG   18:23 24-09-2022