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
```

Language Python 3

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.
```