IOT ASSIGNMENT 2

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

Submitted by,

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Code:

```
import random

while(True):

  a=random.randint(10,99)

  b=random.randint(10,99)

  if(a>40 and b>70):

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

  elif(a<30 and b<55):

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

    break
```

```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>40 and b>70):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<30 and b<55):
        print("Normal temperature and humidity of:",a,b,"%","alarm is off")
        break
```

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
================== RESTART: C:/Users/user/Documents/fgdd.py ==================
high temperature and humidity of: 83 85 % alarm is on
high temperature and humidity of: 67 81 % alarm is on
high temperature and humidity of: 78 91 % alarm is on
Normal temperature and humidity of: 29 51 % alarm is off
>>>
```