IOT ASSIGNMENT 2

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

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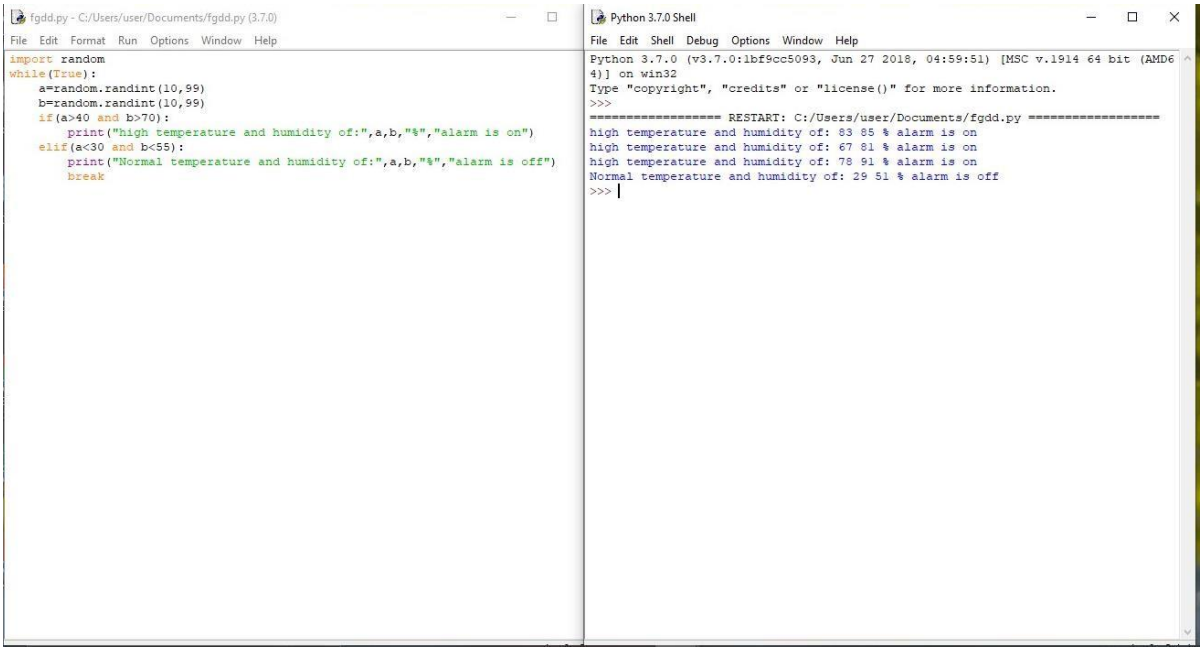
CODE:

```
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
```


fgdd.py - C:/Users/user/Documents/fgdd.py (3.7.0)
File Edit Format Run Options Window Help
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 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] 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
>>>