

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
```

<p>fgdd.py - C:/Users/user/Documents/fgdd.py (3.7.0)</p> <pre>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</pre>	<p>Python 3.7.0 Shell</p> <pre>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 >>> </pre>
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