

Assignment 2

main.py	Run	Shell
<pre>1 import random 2 for i in range(0,100): 3 temp=random.randint(0,1000) 4 hum=random.randint(0,1000) 5 print("Temperature level:"+str(temp)) 6 print("Humidity level:"+str(hum)) 7 if(temp==range(30,38) and hum==range(30,50)): 8 print("NORMAL TEMPERATURE") 9 elif(temp>500 or hum<30): 10 print("HIGH TEMPERATURE")</pre>		<pre>Temperature level:847 Humidity level:155 HIGH TEMPERATURE Temperature level:594 Humidity level:676 HIGH TEMPERATURE Temperature level:217 Humidity level:982 Temperature level:264 Humidity level:773 Temperature level:791 Humidity level:409 HIGH TEMPERATURE Temperature level:678 Humidity level:701 HIGH TEMPERATURE Temperature level:561 Humidity level:442 HIGH TEMPERATURE Temperature level:143</pre>

Code:

```
import random

for i in range(0,100):

    temp=random.randint(0,1000)

    hum=random.randint(0,1000)

    print("Temperature level:"+str(temp))

    print("Humidity level:"+str(hum))

    if(temp==range(30,38) and hum==range(30,50)):

        print("NORMAL TEMPERATURE")

    elif(temp>500 or hum<30):

        print("HIGH TEMPERATURE")
```