ASSIGNMENT 2
Python code for temperature and humidity

Assignment Date	14 November 2022
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Student Roll Number	512219104019
Maximum Marks	2 Marks

Question:

Build a python code, assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Code:

#Assignment 2

```python
import time
i=0
while(i<=0):
    i=i+1
    time.sleep(1)
import random
temperature=random.randint(0,90)
```

```python
humidity=random.randint(1,500)
if temperature<=10:
    print(temperature,"Temperature is low")
elif temperature<=30:
    print(temperature,"Temperature is normal")
else:
    print(temperature,"Temperature is high")
if humidity<=25:
    print(humidity,"Humidity is low")
elif humidity<=45:
     print(humidity,"Humidity is normal")
else:
    print(humidity,"Humidity is low")
```

ASSIGNMENT-2.py - C:\Users\ELCOT\Desktop\ASSIGNMENT-2.py (3

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```python
import time
i=0
while(i<=0):
    i=i+1
    time.sleep(1)
import random
temperature=random.randint(0,90)
humidity=random.randint(1,500)
if temperature<=10:
    print(temperature,"Temperature is low")
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    print(humidity,"Humidity is low")
elif humidity<=45:
    print(humidity,"Humidity is normal")
else:
    print(humidity,"Humidity is low")
```

IDLE Shell 3.10.4   —   □   ×

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```
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022,
23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()
" for more information.
>>>
================ RESTART: C:\Users\ELCOT\Desktop\
ASSIGNMENT-2.py ================
15 Temperature is normal
414 Humidity is low
>>>
```