

Build a python code ,Assume you 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:

```
import random
def temp(k):
    if c>0 and c<44.0:
        print("the temperature is : ",c," which is safe")
        print("correct temperature")
    elif c<0:
        print("the temperature is:",c," which is too low")
        print("danger: LOW TEMPERATURE!!!")
    elif c>44.0:
        print("the temperature is:",c," which is too high")
        print("danger: HIGH TEMPERATURE!!!")
c=random.randint(-22.0,60.0)
temp(c)
```

OUTPUT:

the temperature is -16 which is too low
danger: LOW TEMPERATURE!!!

the temperature is : 11 which is safe
correct temperature
the temperature is 54 which is too high
danger:HIGH TEMPERATURE!!!

```
assignment2.py - C:\keer\assignment2.py (3.7.3)
File Edit Format Run Options Window Help
import random
def temp(k):
    if c>0 and c<44.0:
        print("the temperature is : ",c,"which is safe")
        print("correct temperature")
    elif c<0:
        print("the temperature is",c,"which is too low")
        print("danger: LOW TEMPERATURE!!!")
    elif c>44.0:
        print("the temperature is",c,"which is too high")
        print("danger:HIGH TEMPERATURE!!!")
c=random.randint(-22.0,60.0)
temp(c)
```

Ln: 1 Col: 0

```
Python 3.7.3 Shell
File Edit Shell Debug Options Window Help
Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 21:26:53) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\keer\assignment2.py =====
the temperature is -16 which is too low
danger: LOW TEMPERATURE!!!
>>>
===== RESTART: C:\keer\assignment2.py =====
the temperature is : 11 which is safe
correct temperature
>>>
===== RESTART: C:\keer\assignment2.py =====
the temperature is 54 which is too high
danger:HIGH TEMPERATURE!!!
>>> |
```

Ln: 15 Col: 4