**IBM ASSIGNMENT NO : 2**

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.

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**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!!!



