**IBM ASSIGNMENT – 2**

Python Programming

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| Assignment Date | 23 September 2022 |
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**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:

import random

def temperature():

t=random.randint(25,100)

if t>30:

print(t,'High temperature detected');

print( 'Buzzer on, alarm sound is high')

elif t==30:

print (t,'Temperature reached maximum')

else:

print(t,'Temperature is good')

def humidity():

h=random.randint(25,100)

if h>65:

print(h,'High humidity detected');

print( 'Buzzer on, alarm sound is high')

elif h==30:

print (h,'Humidity reached maximum')

else:

print(h,'Humidity is good')

temperature()

humidity()

**OUTPUT**

