Assignment -2

Python program

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| Student name  Student Roll No  Maximum Marks | ***Karthick S***  ***111619106059***  ***2 Marks*** |

1.Build a python code :

Assume u get a 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 SOLUTION:

import random

def temperature():

value=random.randint(25,100)

return value

t=temperature()

def humidity():

range=random.randint(40,100)

return range

h=humidity()

#TEMPERATURE

if t>30:

print("High temperature is detetcted")

elif t==30:

print("Temprature reached maximum thershold of 30 degrees celsius")

else:

print("Temperature is good")

#HUMIDITY

if h>65 :

print("High humidity detetcted")

elif t == 65:

print("Humidity reached maximum thershold of 65 percent")

else:

print("Humidity is good")

**Output**

