Assignment-2

PythonProgramming

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Question-1:

Buildapythoncode,assumeugettemperatureandhumidityvalues(generatedwithrandomfunctiontoavariable)andwriteaconditiontocontinuouslydetectalarmincaseofhightemperature.

CODE:

import random from timeimport sleep

defgenerate\_values():

temperature = random.randint(10, 50)humidity = random.randint(10, temperature)returnhumidity,temperature

humidity = temperature = 0whiletemperature<45:

humidity,temperature=generate\_values()

print('Humidity:', humidity, 'Temperature:', temperature)sleep(0.50)

print('HighTemperatureDetected')

OUTPUT:

