IBMASSIGNMENT–2

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ASSIGNMENTQUESTION:

**Buildapythoncode,assume yougettemperatureandhumidityvalues(generatedwithrandomfunctiontoavariable)andwriteaconditiontocontinuouslydetectalarmincase ofhightemperature.**

PYTHONCODE:

import random

from time import sleep

while True:

temperature=round(random.uniform(10, 50),2)

humidity=round(random.uniform(10, 100),2)

print("\nTemperature =", temperature,"degreecelsius")

print("Humidity = ",humidity,"%")

if(temperature>32):

print("STATE : ALARM ON")

else:

print("STATE : ALARM OFF")

sleep(5)

EXECUTIONRESULT

Output