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19ECR020

ASSIGNMENT 2

Detect alarm incase of high temperature:

import random

from time import sleep

while (True):

temperature = random.randrange(0, 100) if (temperature >= 50):

humidity = random.randrange(0, 20) else:

humidity = random.randrange(21, 50)

print("the temperature of the room is {} fahrenheit".format(temperature)) print("the humidity of the room is {}".format(humidity))

if (temperature > 60 and humidity < 50): print("\*\*\*\*the alarm must be detected\*\*\*\*") break

sleep(2)