Assignment-2
PythonProgrammin
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AssignmentDate	19September2022
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MaximumMarks	2 Marks

Question-1:

Build a python code, Assume u get temperature and humidity values (generated withrandom function to a variable) and write a condition to continuously detect alarm in case ofhigh temperature.

importrandom

from time import

sleepdefgenerate_va

lues():

temperature = random.randint(20,

50)humidity = random.randint(10,

temperature)returnhumidity,

temperature

humidity = temperature

= 0whiletemperature<50:

humidity, temperature =

generate_values()print('Humidity:', humidity,

'Temperature:', temperature)sleep(0.50)

print('HighTemperatureDetected')

OUTPUT:

Humidity:23Temperature:49

Humidity:27Temperature:42

Humidity:18Temperature:28

Humidity:20Temperature:22

Humidity:36Temperature:36

Humidity:29Temperature:47

Humidity:22Temperature:34

Humidity:27Temperature:29

Humidity:15Temperature:30

Humidity:19Temperature:47

Humidity:29Temperature:39

Humidity:21Temperature:22

Humidity:18Temperature:30

Humidity:18Temperature:20

Humidity:24Temperature:29

Humidity:26Temperature:27

Humidity:19Temperature:33

Humidity:16Temperature:23

Humidity:21Temperature:48

Humidity:21Temperature:21

Humidity:34Temperature:43

Humidity:25Temperature:42

Humidity:26Temperature:27

Humidity:20Temperature:25

Humidity:11Temperature:47

Humidity:28Temperature:50

HighTemperatureDetected