

Import random

Def temperature():

Value=random.randint(20,100)

Return value

T=temperature()

Def pressure():

Value=random.randint(10,90)

Return value

P=pressure()

Def humidity():

Range=random.randint(40,100)

Return range

H=humidity()

Print('Temp={0:0.1f}*C Humidity={1:0.1f}%'.format(t,h))

#TEMPERATURE

If t>30:

Print(t,"Deg C – High temperature is detected")

Elif t==30:

Print(t,"Deg C – Temperature reached maximum threshold of 30 degrees celsius")

Else:

Print(t,"Deg C – Temperature is good")

#HUMIDITY

If h>65 :

Print(h,"% -- High humidity detetcted")

Elif h == 65:

Print(h,"% -- Humidity reached maximum thershold of 65 percent")

Else:

Print(h,"% -- Humidity is good")