import random

def temp():

temp=random.randint(20,40)

return temp

def humidity():

humidity=random.randint(30,70)

return humidity

temp=temp()

humidity=humidity()

print(&quot;Temperature is=&quot;,temp)

print(&quot;Humidity is=&quot;,humidity)

if(temp&gt;30):

if(humidity&gt;60):

print(&quot;Alert&quot;)

else:

print(&quot;High temperature detected&quot;)

elif(temp==30):

print(&quot;Threshold reached&quot;)

else:

print(&quot;All good&quot;)