ASSIGNMENT – 2

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| Date : 24/09/2022  Name : P.Arsadha  Roll/Register no : 910619205007  **PROBLEM**  Build a python code assume u get temperature and humidity values(generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature |

**Code :**

import random

def temperature():

value=random.randint(25,100)

return value

def humidity():

range=random.randint(40,100)

return range

while True:

t=temperature()

h=humidity()

if t>30:

print("High temperature detetcted")

print("Buzzer on,alarm sound is high")

elif t==30:

print("Temprature reached maximum thershold of 30 degrees celsius")

else:

print("Temperature is good")

#for Humidity

if h>65 :

print("High humidity detetcted")

print("Buzzer on,alarm sound is high")

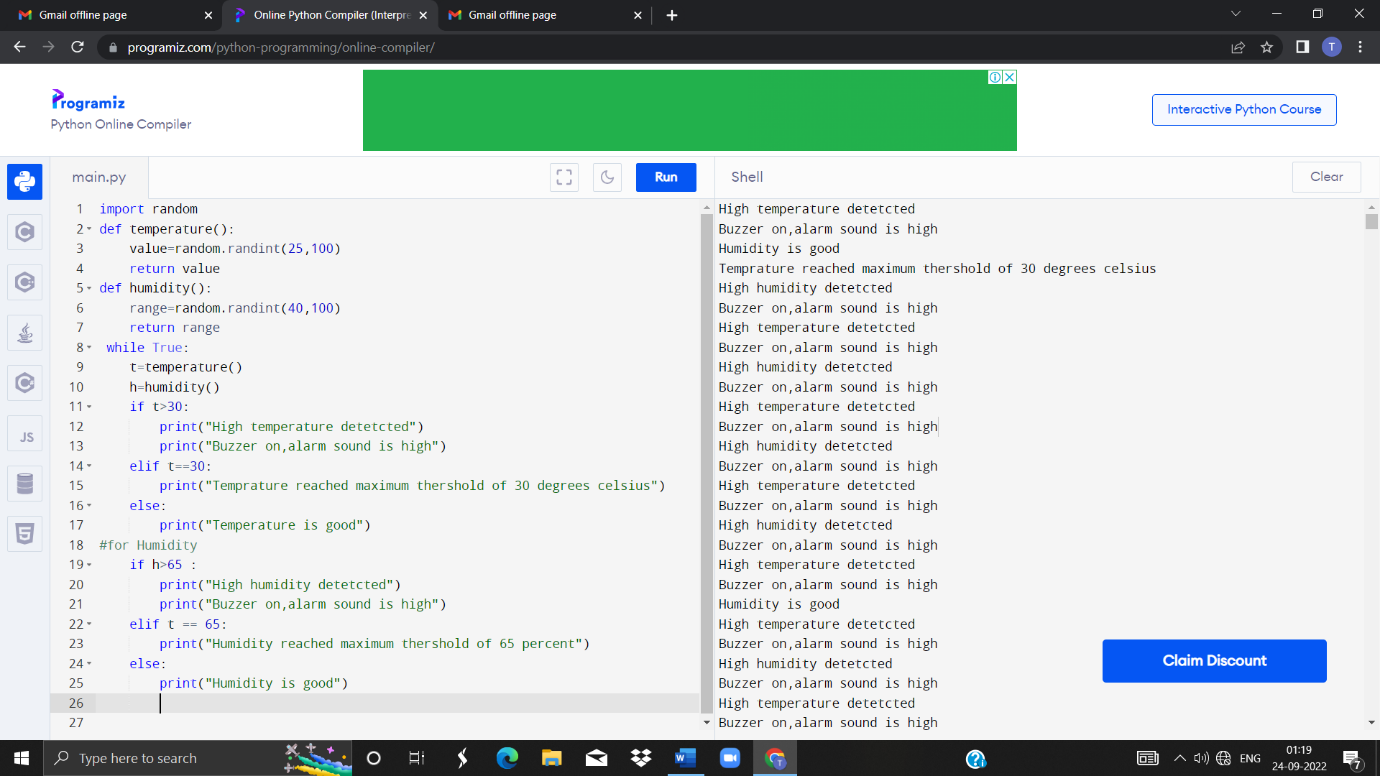
elif t == 65:

print("Humidity reached maximum thershold of 65 percent")

else:

print("Humidity is good")

**output :**

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