Assignment -1

Python Programming

Assignment Date	26 September 2022
Student Name	Mr. Gokulnath. S
Student Roll Number	621319106021
Maximum Marks	2 Marks

Question-1:

Build a python code, Assume you 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.

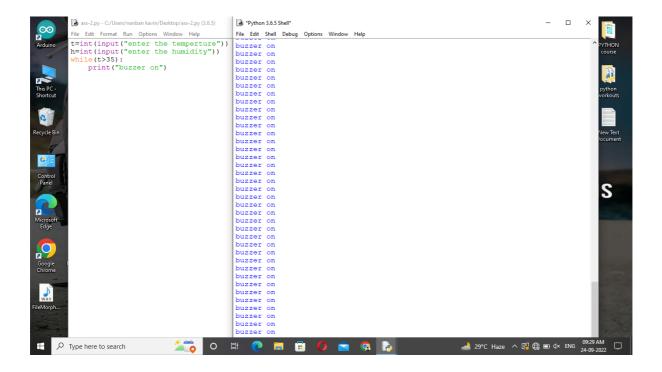
Program:

t=int(input("enter the temperature"))

h=int(input("enter the humidity"))

while(t>35):

print("buzzer on")



```
Program 2:
import time
from random import randint
file=open("data.txt","a")
n=5
for i in range(n):
  humidity=randint(0,100)+1
  temperature=randint(-100,100)+1
  if humidity>45:
    print("\n \n Humidity High")
    print(humidity)
    file.write("\nHumidity")
    file.write(str(humidity))
  if temperature>30:
    print("Temperature High")
    print( temperature)
    file.write("\nTemperature")
    file.write(str(temperature))
  time.sleep(1)
file.close()
```

