Assignment-1
PythonProgramming

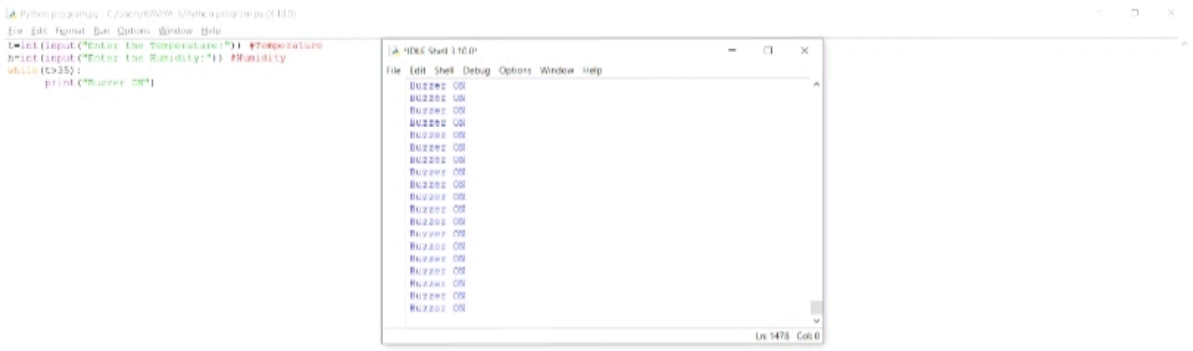
AssignmentDate	26September2022
StudentName	Ms. Gopika S
StudentRollNumber	621319106019
MaximumMarks	2 Marks

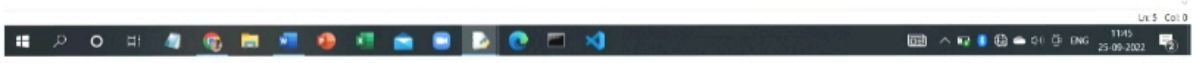
Question-1:

Build a python code, Assume you get temperature and humidity values (generated with randomfunction to a variable) and write a condition to continuously detect alarm in case of hightemperature.

Program:

```
t=int(input("Enter the Temperature:")) #Temperatureh=int(input("Enter the Humidity:"))
#Humiditywhile(t>35):
    print("BuzzerON")
```





Program:

```
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()
```