Assignment -1
Python Programming
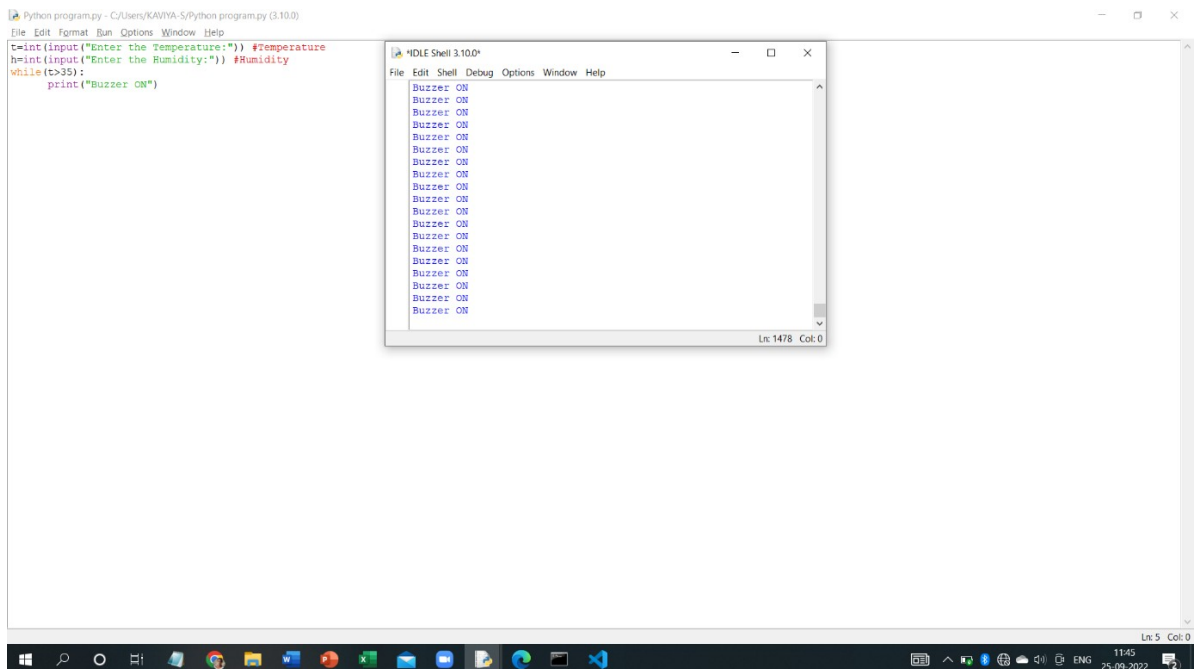
Assignment Date	26 September 2022
Student Name	Ms. Gobika S
Student Roll Number	621319106019
Maximum Marks	2 Marks

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:

```python
t=int(input("Enter the Temperature:")) #Temperature

h=int(input("Enter the Humidity:")) #Humidity

while(t>35):

    print("Buzzer ON")
```

Program:

```python
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()
```