Assignment -2

Python Programming

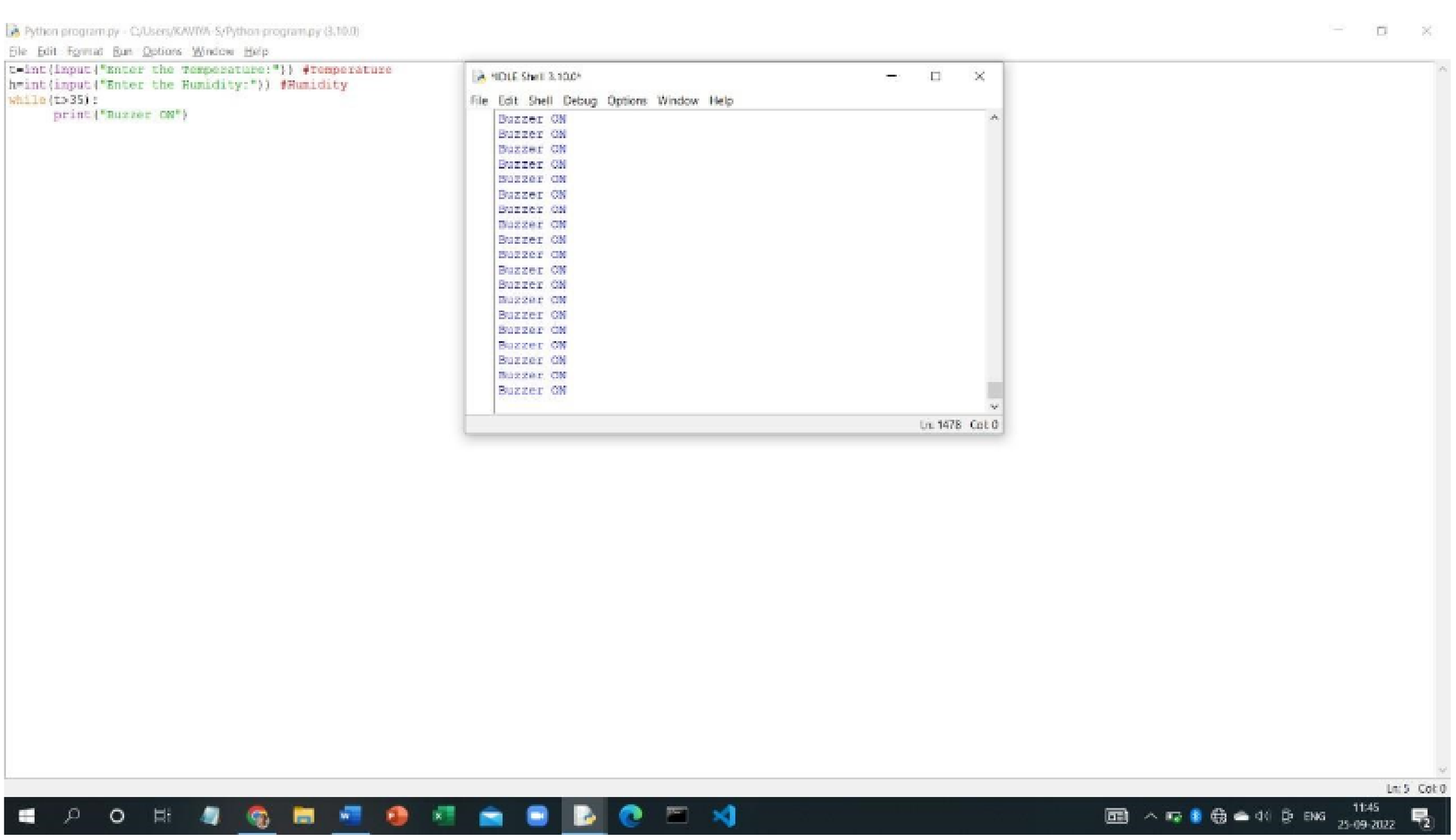
Assignment Date	26 September 2022
Student Name	Mr. VASANTH.MS
Student Roll Number	210819106079
Maximum Marks	2 Marks

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:")) #Temperature
h=int(input("Enter the Humidity:")) #Humidity
while(t>35):
    print("Buzzer ON")
```



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()