Assignment -2

Python Programming
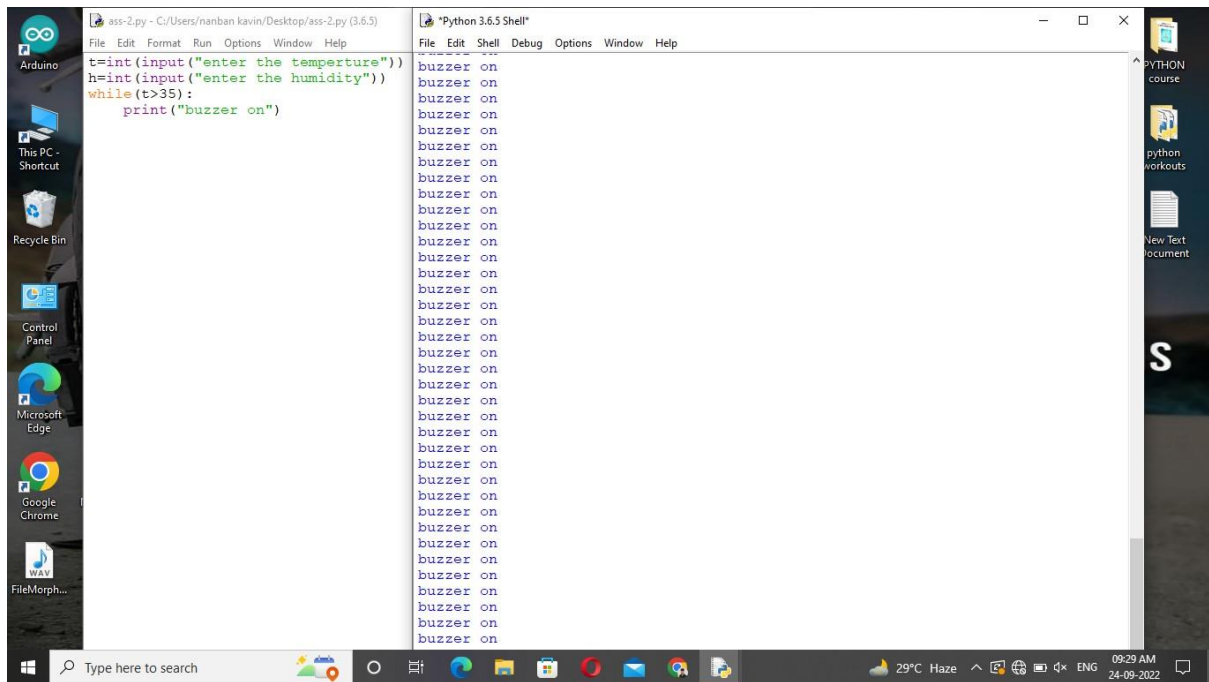
Assignment Date	26 September 2022
Student Name	Mr. Dhanasekar N.S
Student Roll Number	621319106013
Maximum Marks	2 Marks

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()