Assignment -2

Python Programming

Assignment Date	29 October 2022
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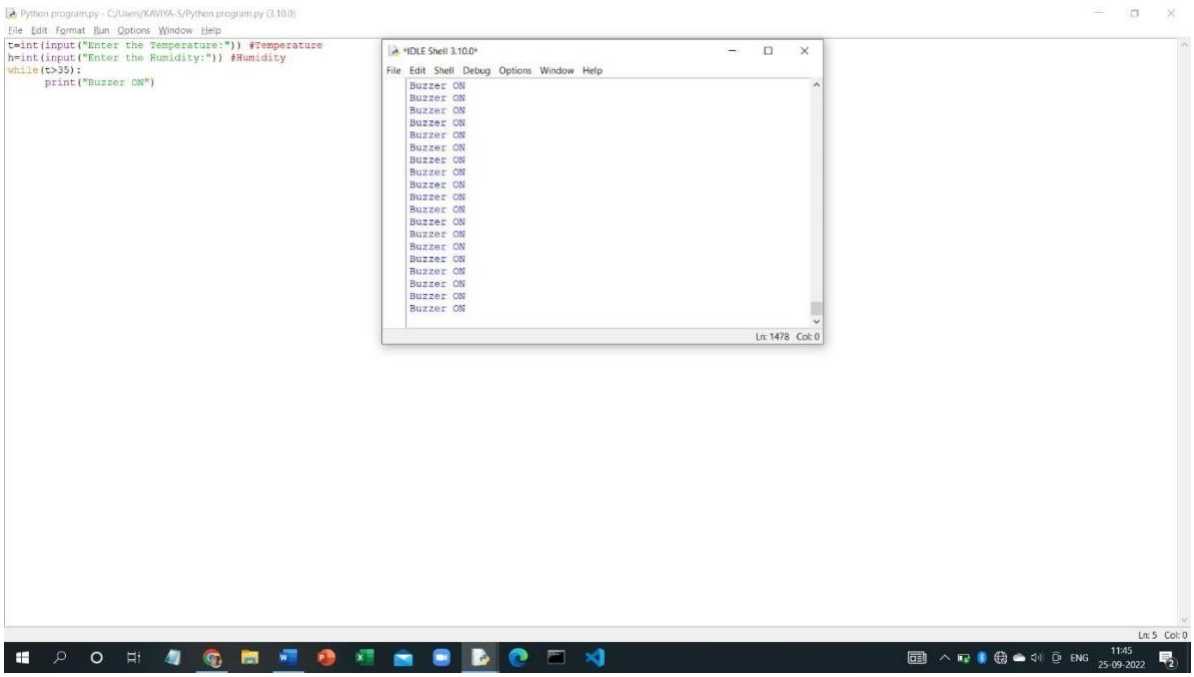
Question-1:

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()
```