

ASSIGNMENT 2

Domain: IoT

Build a python code, assume u get temperature and humidity values (generated with random functions to a variable) and write a condition to continuously detect alarm in case of high temperature

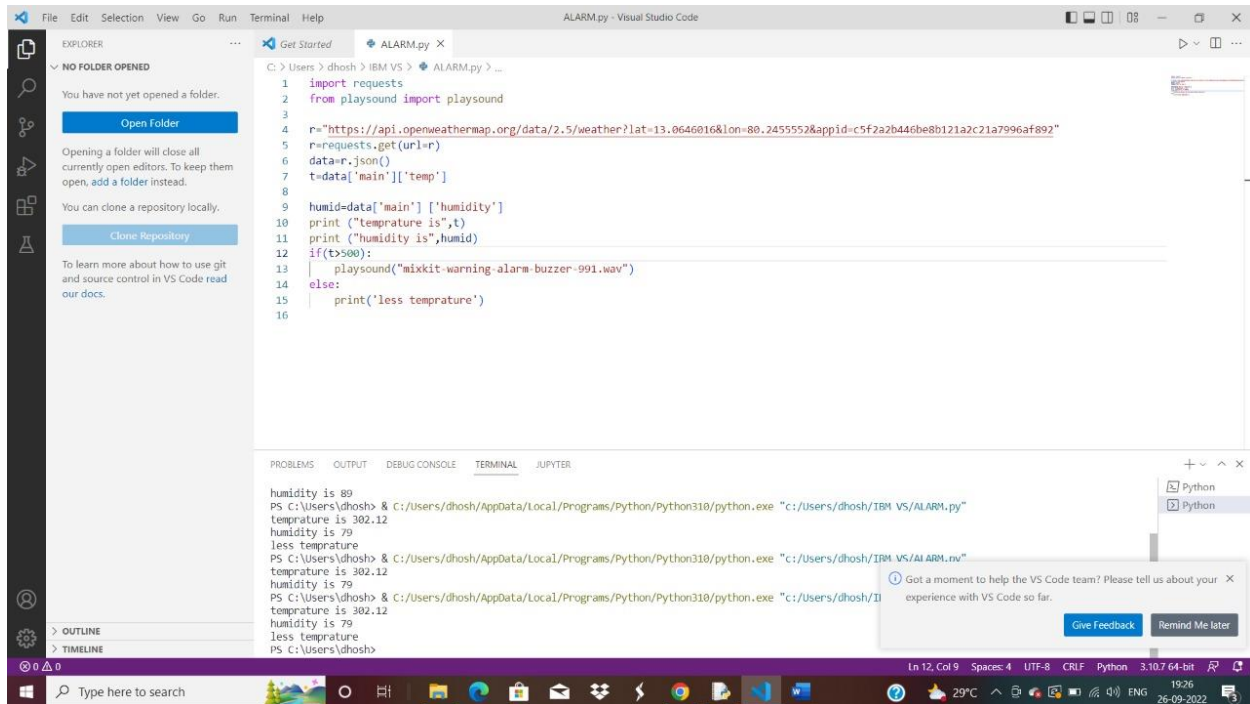
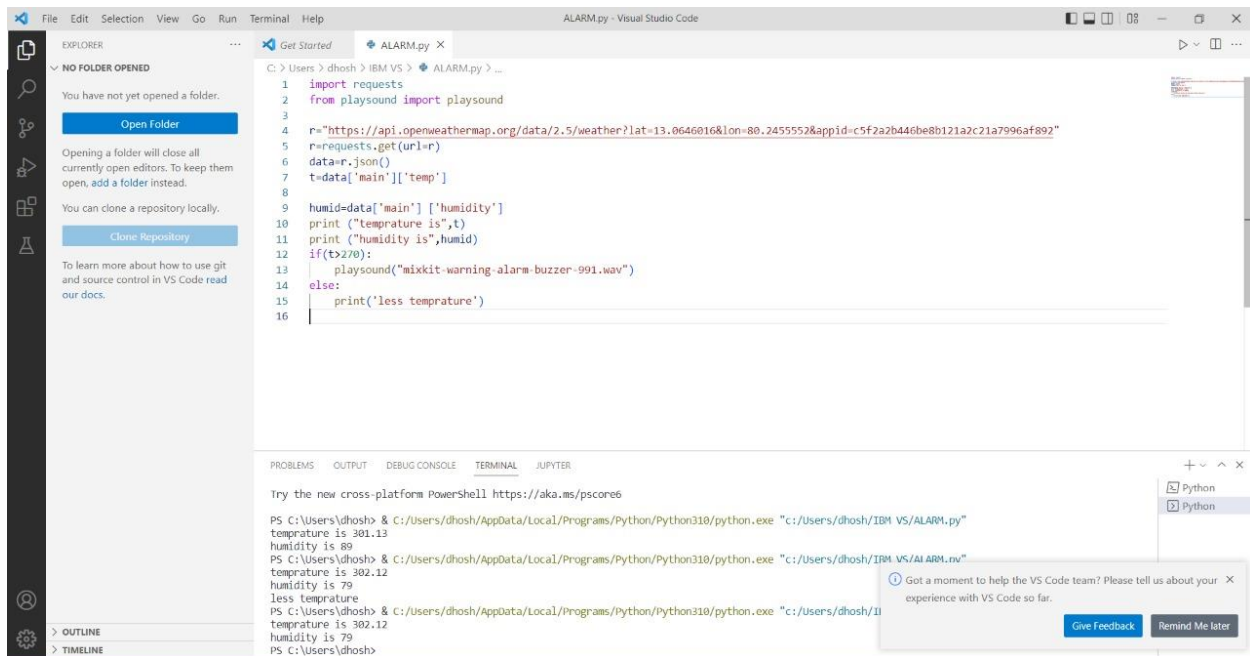
Team Members:

KEERTHIGA M-513119106308

PRAVEEN D-513119106704

KALAIMANI P- 513119106035

AJAYPRABU R-513119106706



CODING:

```
import requests

from playsound import playsound

r="https://api.openweathermap.org/data/2.5/weather?lat=13.0646016&lon=80.2455552&appid=c5f2a2b446be8b121a2c21a7996af892"

r=requests.get(url=r)

data=r.json()

t=data['main']['temp']


humid=data['main'] ['humidity']

print ("temprature is",t)

print ("humidity is",humid)

if(t>500):

    playsound("mixkit-warning-alarm-buzzer-991.wav")

else:

    print('less temprature')
```