

ASSIGNMENT-2

Domain: IoT

Team members:

SUBALAKSHMI G-513119106314

RANJITH KUMAR R-513119106311

TAMIZH D-513119106316

VELMURUGAN V-513119106317

OUTPUT:

```
1 import requests
2 from playsound import playsound
3
4 r="https://api.openweathermap.org/data/2.5/weather?lat=13.0646016&lon=80.2455552&appid=c5f2a2b446be8b121a2c21a7996af892"
5 r=requests.get(url=r)
6 data=r.json()
7 t=data['main']['temp']
8
9 humid=data['main']['humidity']
10 print ("temprature is",t)
11 print ("humidity is",humid)
12 if(t>500):
13     playsound("mixkit-warning-alarm-buzzer-991.wav")
14 else:
15     print('less temprature')
16
```

humidity is 89
PS C:\Users\dhosh> C:\Users\dhosh\AppData\Local\Programs\Python\Python310\python.exe "c:/Users/dhosh/IRM VS/ALARM.py"
temperature is 302.12
humidity is 79
less temperature
PS C:\Users\dhosh> C:\Users\dhosh\AppData\Local\Programs\Python\Python310\python.exe "c:/Users/dhosh/IRM VS/ALARM.py"
temperature is 302.12
humidity is 79
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temperature is 302.12
humidity is 79
less temperature
PS C:\Users\dhosh>

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):

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playsound('mixkit-warning-alarm-buzzer-991.wav')
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else:
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print('less temprature')
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