

MADURA T V

19CS072

SMART WASTE MANAGEMENT

SYSTEM FOR

METROPOLITAN CITIES

ASSIGNMENT - 2

Assignment 2:

Build a python code, Assume u 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.

I. CODE

```
#import the necessary package!

import requests

import random

import time

#input the city name

city = input('Enter the city name ')

#Display the message!

print('Displaying Weater report for: ' + city)

#fetch the weater details

url = 'https://wttr.in/{}'.format(city)

req = requests.get(url)

#display the result!

print(req.text)
```

```
# temprature and humidity RANDOM value

temp = random.random()

hum = random.random()


if hum == 36.5:

    print("According to Temperature report you are in normal days")

if hum < 36:

    print("The Temperature is low compare to normal days")

if hum > 36:

    print("The Temperature is high compare to normal days")

if temp == 55:

    print("According to Humidity report you are in normal place")

if temp < 55:

    print("The Humidity is low compare to normal days")

if temp > 55:

    print("The Humidity is high compare to normal days")
```

II. OUTPUT OF THE CODE:

 C:\Windows\system32\cmd.exe

```
D:\>cd pro
```

```
D:\pro>humidity.py
```

Enter the city name coimbatore

Displaying Weater report for: coimbatore

Weather report: coimbatore

```

+ [38;5;226] \ /+ [0m Partly cloudy
+ [38;5;226] /"" [38;5;250m.-. + [0m + [38;5;214m+30-[0m(-[38;5;202m35+[0m) °C+ [0m
+ [38;5;226] \_- [38;5;250m( ) . + [0m + [1mB-[0m + [38;5;110m4-[0m km/hr+[0m
+ [38;5;226] /-[38;5;250m( _ ( ) + [0m 6 km+[0m
0.2 mm+[0m

```

Morning		Noon	Evening		Night
+38;5;226m +38;5;226m -38;5;226m	/ \ +0m Sunny +0m +38;5;220m+26;0m +0m +1m3;0m	+38;5;226m +38;5;214m+28;0m +38;5;154m+0m	/ +0m Partly cloudy +38;5;226m +38;5;214m+30;0m +38;5;226m	+38;5;226m +38;5;250m +38;5;250m	+38;5;226m +38;5;250m +38;5;250m
+38;5;226m +38;5;226m +38;5;226m	/ \ +0m 0.0 mm +0m 0.0 mm	+38;5;226m +38;5;214m+28;0m +38;5;154m+0m	/ +0m Partly cloudy +38;5;226m +38;5;214m+30;0m +38;5;226m	+38;5;226m +38;5;250m +38;5;250m	+38;5;226m +38;5;250m +38;5;250m

Morning		Noon	Sun 23 Oct		Evening	Night
+38;5;226m \ /+0m Partly cloudy		+38;5;226m _''''+38;5;250m.-. +0m Patchy rain po.	+38;5;226m _''''+38;5;250m.-. +0m Patchy rain po.		+38;5;226m _''''+38;5;250m.-. +0m Patchy rain po.	+38;5;226m _''''+38;5;250m.-. +0m Patchy rain po.
+38;5;226m _''''+38;5;250m.-. +0m +38;5;220m+27+0m+38;5;212m+29+0m °C+0m		+38;5;226m \,+38;5;250m(). +0m +38;5;208m+31+0m(+38;5;202m+34+0m) °C+0m		+38;5;226m \,+38;5;250m(). +0m +38;5;220m+21+0m		+38;5;226m \,+38;5;250m(). +0m +38;5;220m+21+0m
+38;5;226m \,+38;5;250m(). +0m +1m+0m +38;5;082m+1+0m+38;5;118m+4+0m km/hr+0m		+38;5;226m /+38;5;250m() +0m +1m+0m +38;5;082m+2+0m km/hr+0m		+38;5;226m /+38;5;250m() +0m +1m+0m +38;5;082m+2+0m km/hr+0m		+38;5;226m /+38;5;250m() +0m +1m+0m +38;5;082m+2+0m km/hr+0m
+38;5;226m /+38;5;250m() +0m 10 km+0m		+38;5;111m ' ' ' '+0m 10 km+0m		+38;5;111m ' ' ' '+0m 9 km+0m		+38;5;111m ' ' ' '+0m 9 km+0m
0.0 mm 0%+0m		+38;5;111m ' ' ' '+0m 0.2 mm 75%+0m		+38;5;111m ' ' ' '+0m 0.8 mm 81%+0m		+38;5;111m ' ' ' '+0m 0.6 mm 69%+0m

Morning		Noon		Evening		Night	
+38;5;226m \ /-[0m Partly cloudy		+38;5;226m _/'"+38;5;250m.-. +[0m Patchy rain po.		+38;5;226m _/'"+38;5;250m.-. +[0m Patchy rain po.		+38;5;226m _/'"+38;5;250m.-. +[0m Light rain sho.	
+38;5;226m _/'"+38;5;250m.-. +[0m +[38;5;220m+27-[0m+38;5;214m+29-[0m °C+[0m		+38;5;226m \, +38;5;250m(). +[0m +[38;5;214m+30-[0m+38;5;208m+33-[0m °C+[0m		+38;5;226m \, +38;5;250m(). +[0m +[38;5;226m		+38;5;226m \, +38;5;250m(). +[0m +[38;5;220m+27-[0m+38;5;214m+29-[0m °C+[0m	
+38;5;226m _+38;5;250m(). +[0m +[1m+0m +[38;5;110m+0m km/h+[0m		+38;5;226m /+38;5;250m() +[0m +[1m+0m +[38;5;082m+0m +[38;5;118m+0m km/h+[0m		+38;5;226m /+38;5;250m() +[0m +[1m+0m +[38;5;082m+0m +[38;5;118m+0m km/h+[0m		+38;5;226m /+38;5;250m() +[0m +[1m+0m +[38;5;082m+0m +[38;5;118m+0m km/h+[0m	
+38;5;226m /+38;5;250m() +[0m 10 km+[0m		+38;5;111m ' ' ' +[0m 10 km+[0m		+38;5;111m ' ' ' +[0m 9 km+[0m		+38;5;111m ' ' ' +[0m 10 km+[0m	
0.0 mm 0%+[0m		+38;5;111m ' ' ' +[0m 0.1 mm 86%+[0m		+38;5;111m ' ' ' +[0m 0.5 mm 86%+[0m		+38;5;111m ' ' ' +[0m 0.4 mm 64%+[0m	

Location: Coimbatore, Coimbatore district, Tamil Nadu, 641001, India [11.0018115,76.9628425]

Follow @igor_chubin for wtr.in updates

The Temperature is low compare to normal days

The Humidity is low compare to normal days

D:\pro>