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19CS074

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: