

ASSIGNMENT 2

NIVAS S

19CSR127

```
#import the necessary package!
import requests
import random
from time import *
gate=True
#input the city name
def run_city():
    city = input('input the city name')
    print(city)

# or you can also hard-code the value

#Display the message!
print('Displaying Weater report for: ' + city)

#fetch the weater details
url = 'https://wttr.in/{}'.format(city)
res = requests.get(url)

#display the result!
print(res.text)

#temprature searching
while(gate):
    temperature = random.randint(0,50)
```

```

humidity = random.randint(10,50)
if temperature>45 and humidity<50:
    print("Temperature =",temperature,"Humidity =",humidity)
    print("Alert message in Activate")
    gate=False
else:
    print("Temperature =",temperature,"Humidity",humidity)
sleep(1);

#enter temprature value
x= int(input("Please enter the Humidity value :"))
y= int(input("Please enter the temperature value :"))
z=print(x,y)
print(z)
if x == 36.5:
    print("Due to Temperature report you are in normal days")
if x < 36:
    print("your Temperature is low compare to normal days")
if x > 36:
    print("your Temperature is high compare to normal days")
if y == 45:
    print("Due to Humidity report you are in normal place")
if y < 45:
    print("your Humidity is low compare to normal days")
if y > 45:
    print("your Humidity is high compare to normal days")

while True:
    run_city()

```

Output:

```
#enter temprature value
x= int(input("Please enter the Humidity value :"))
y= int(input("Please enter the temperature value :"))
z=print(x,y)
print(z)
if x == 36.5:
    print("Due to Temperature report you are in normal days")
if x < 36:
    print("your Temperature is low compare to normal days")
if x > 36:
    print("your Temperature is high compare to normal days")
if y == 55:
    print("Due to Humidity report you are in normal place")
if y < 55:
    print("your Humidity is low compare to normal days")
if y > 55:
    print("your Humidity is high compare to normal days")
```

Sun 25 Sep			
Morning	Noon	Evening	Night
Sunny +31(35) °C 7-8 km/h 10 km 0.0 mm 0%	Partly cloudy +34(38) °C 14-16 km/h 10 km 0.0 mm 0%	Partly cloudy +30(35) °C 16-23 km/h 10 km 0.0 mm 0%	Partly cloudy +29(34) °C 10-15 km/h 10 km 0.0 mm 0%

Mon 26 Sep			
Morning	Noon	Evening	Night
Patchy rain po... +32(36) °C 13-15 km/h 10 km 0.1 mm 60%	Partly cloudy +33(38) °C 22-25 km/h 10 km 0.0 mm 0%	Partly cloudy +30(34) °C 15-22 km/h 10 km 0.0 mm 0%	Patchy rain po... +30(34) °C 12-16 km/h 10 km 0.1 mm 70%

Location: Corporation of Chennai, Chennai district, Tamil Nadu, India [13.0861721,80.2838331]

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Please enter the Humidity value :30
Please enter the temperature value :35
30, 35
None
your Temperature is high compare to normal days
your Humidity is low compare to normal days

← **OUTPUT VALUE**