

ASSIGNMENT-2

M.ARFIYA

REG NO:960219106031

CODE:

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

```
#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 temprature 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:
```

OUTPUT:

=== RESTART:

C:/Users/ELCOT/AppData/Local/Programs/Python/Python37/as2.py ===

Temperature = 28 Humidity 24

Temperature = 13 Humidity 31

Temperature = 5 Humidity 16

Temperature = 5 Humidity 45

Temperature = 14 Humidity 20

Temperature = 3 Humidity 26

Temperature = 5 Humidity 33

Temperature = 27 Humidity 46

Temperature = 49 Humidity = 47

Alert message in Activate

Please enter the Humidity value :49

Please enter the temperature value :46

49 46

None

your Temperature is high compare to normal days

your Humidity is high compare to normal days

input the city nameNagercoil

Nagercoil

Displaying Weater report for: Nagercoil

Weather report: Nagercoil

38;5;226m \ / 0m Clear
38;5;226m .-. 0m 38;5;214m+280m(38;5;208m310m) °C0m
38;5;226m - () - 0m 1m-0m 38;5;208m250m km/h0m
38;5;226m \-' 0m 10 km0m
38;5;226m / \ 0m 0.0 mm0m

Tue 27 Sep

Morning	Noon	Evening	Night
38;5;226m \ / 0m Sunny	38;5;226m \ / 0m Sunny	38;5;226m \ / 0m Clear	38;5;226m \ / 0m Cl
38;5;226m .-. 0m 38;5;208m+310m(38;5;208m330m) °C0m	38;5;226m .-. 0m 38;5;196m+370m(38;5;196m450m) °C0m	38;5;226m .-. 0m 38;5;214m+280m(38;5;208m310m) °C0m	38;5;226m .-. 0m 38;5;220m+260m(38;5;214m290m) °C0m
38;5;226m - () - 0m 1m-0m 38;5;214m220m km/h0m	38;5;226m - () - 0m 1m-0m 38;5;220m190m-0m 38;5;214m220m km/h0m	38;5;226m - () - 0m 1m-0m 38;5;208m250m-0m 38;5;202m310m km/h0m	38;5;226m - () - 0m 1m-0m 38;5;214m210m-0m 38;5;208m270m km/h0m
38;5;226m \-' 0m 10 km0m	38;5;226m \-' 0m 10 km0m	38;5;226m \-' 0m 10 km0m	38;5;226m \-' 0m 10 km0m
38;5;226m / \ 0m 0.0 mm 0%0m	38;5;226m / \ 0m 0.0 mm 0%0m	38;5;226m / \ 0m 0.0 mm 0%0m	38;5;226m / \ 0m 0.0 mm 0%0m

Wed 28 Sep

Morning	Noon	Evening	Night
38;5;226m \ / 0m Sunny	38;5;226m \ / 0m Sunny	38;5;226m \ /0m Partly cloudy	38;5;226m \ /0m Pa
38;5;226m .-. 0m 38;5;214m+300m(38;5;202m340m) °C0m	38;5;226m .-. 0m 38;5;208m+330m(38;5;196m390m) °C0m	38;5;226m /""38;5;250m.-. 0m 38;5;220m+270m(38;5;214m290m) °C0m	38;5;226m /""38;5;250m.-. 0m 38;5;220m+260m(38;5;214m290m) °C0m
38;5;226m - () - 0m 1m-0m 38;5;214m230m-0m 38;5;208m260m km/h0m	38;5;226m - () - 0m 1m-0m 38;5;202m280m-0m 38;5;196m330m km/h0m	38;5;226m \38;5;250m() . 0m 1m-0m 38;5;208m250m-0m 38;5;202m310m km/h0m	38;5;226m \38;5;250m() . 0m 1m-0m 38;5;214m220m-0m 38;5;202m280m km/h0m
38;5;226m \-' 0m 10 km0m	38;5;226m \-' 0m 10 km0m	38;5;226m /38;5;250m() 0m 10 km0m	38;5;226m /38;5;250m() 0m 10 km0m
38;5;226m / \ 0m 0.0 mm 0%0m	38;5;226m / \ 0m 0.0 mm 0%0m	38;5;226m / \ 0.0 mm 0%0m	38;5;226m / \ 0.0 mm 0%0m

Thu 29 Sep

Morning	Noon	Evening	Night
38;5;226m \ / 0m Sunny	38;5;226m \ / 0m Sunny	38;5;226m \ /0m Partly cloudy	38;5;226m \ /0m Pa
38;5;226m .-. 0m 38;5;214m+290m(38;5;208m320m) °C0m	38;5;226m .-. 0m 38;5;208m+320m(38;5;196m370m) °C0m	38;5;226m /""38;5;250m.-. 0m 38;5;220m+270m(38;5;214m290m) °C0m	38;5;226m /""38;5;250m.-. 0m 38;5;220m+260m(38;5;214m290m) °C0m
38;5;226m - () - 0m 1m-0m 38;5;208m260m-0m 38;5;202m300m km/h0m	38;5;226m - () - 0m 1m-0m 38;5;202m280m-0m 38;5;196m320m km/h0m	38;5;226m \38;5;250m() . 0m 1m-0m 38;5;208m240m-0m 38;5;202m300m km/h0m	38;5;226m \38;5;250m() . 0m 1m-0m 38;5;214m230m-0m 38;5;202m300m km/h0m
38;5;226m \-' 0m 10 km0m	38;5;226m \-' 0m 10 km0m	38;5;226m /38;5;250m() 0m 10 km0m	38;5;226m /38;5;250m() 0m 10 km0m
38;5;226m / \ 0m 0.0 mm 0%0m	38;5;226m / \ 0m 0.0 mm 0%0m	38;5;226m / \ 0.0 mm 0%0m	38;5;226m / \ 0.0 mm 0%0m

Location: Nagercoil, Kanyakumari, Kanyakumari district, Tamil Nadu, 629001, India [8.1880471,77.4290492]

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