

ASSIGNMENT-2

CODE:

'''Build a python code, assume u get temp and humidity values (generated with random function to a variable) and write a condition 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 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:

```

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+28[0m([38;5;208m31[0m) °C[0m
[38;5;226m - () - [0m [1m-0[0m [38;5;208m25[0m km/h[0m
[38;5;226m ^- [0m 10 km[0m
[38;5;226m / \ [0m 0.0 mm[0m

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+31[0m([38;5;208m33[0m) °C[0m	[38;5;226m .-. [0m [38;5;196m+37[0m([38;5;196m45[0m) °C[0m	[38;5;226m .-. [0m [38;5;214m+28[0m([38;5;214m29[0m) °C[0m	[38;5;226m .-. [0m [38;5;214m+28[0m([38;5;214m29[0m) °C[0m
[38;5;226m - () - [0m [1m-0[0m [38;5;220m19[0m-0[38;5;214m22[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;220m19[0m-0[38;5;214m22[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;220m19[0m-0[38;5;214m22[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;220m19[0m-0[38;5;214m22[0m km/h[0m
[38;5;226m ^- [0m 10 km[0m	[38;5;226m ^- [0m 10 km[0m	[38;5;226m ^- [0m 10 km[0m	[38;5;226m ^- [0m 10 km[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	[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+30[0m([38;5;202m34[0m) °C[0m	[38;5;226m .-. [0m [38;5;208m+33[0m([38;5;196m39[0m) °C[0m	[38;5;226m .-. [0m [38;5;220m+27[0m([38;5;214m29[0m) °C[0m	[38;5;226m .-. [0m [38;5;220m+26[0m([38;5;214m29[0m) °C[0m
[38;5;226m - () - [0m [1m-0[0m [38;5;214m23[0m-0[38;5;208m26[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;202m28[0m-0[38;5;196m33[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;202m28[0m-0[38;5;196m33[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;202m28[0m-0[38;5;196m33[0m km/h[0m
[38;5;226m ^- [0m 10 km[0m	[38;5;226m ^- [0m 10 km[0m	[38;5;226m / [38;5;250m() [0m 10 km[0m	[38;5;226m / [38;5;250m() [0m 10 km[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	[38;5;226m / \ [0m 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+29[0m([38;5;208m32[0m) °C[0m	[38;5;226m .-. [0m [38;5;208m+32[0m([38;5;196m37[0m) °C[0m	[38;5;226m .-. [0m [38;5;220m+27[0m([38;5;214m29[0m) °C[0m	[38;5;226m .-. [0m [38;5;220m+26[0m([38;5;214m29[0m) °C[0m
[38;5;226m - () - [0m [1m-0[0m [38;5;208m26[0m-0[38;5;202m30[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;202m28[0m-0[38;5;196m33[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;202m28[0m-0[38;5;196m33[0m km/h[0m	[38;5;226m - () - [0m [1m-0[0m [38;5;202m28[0m-0[38;5;196m33[0m km/h[0m
[38;5;226m ^- [0m 10 km[0m	[38;5;226m ^- [0m 10 km[0m	[38;5;226m / [38;5;250m() [0m 10 km[0m	[38;5;226m / [38;5;250m() [0m 10 km[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	[38;5;226m / \ [0m 0.0 mm 0%[0m

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

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