

Assignment-2

"""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);

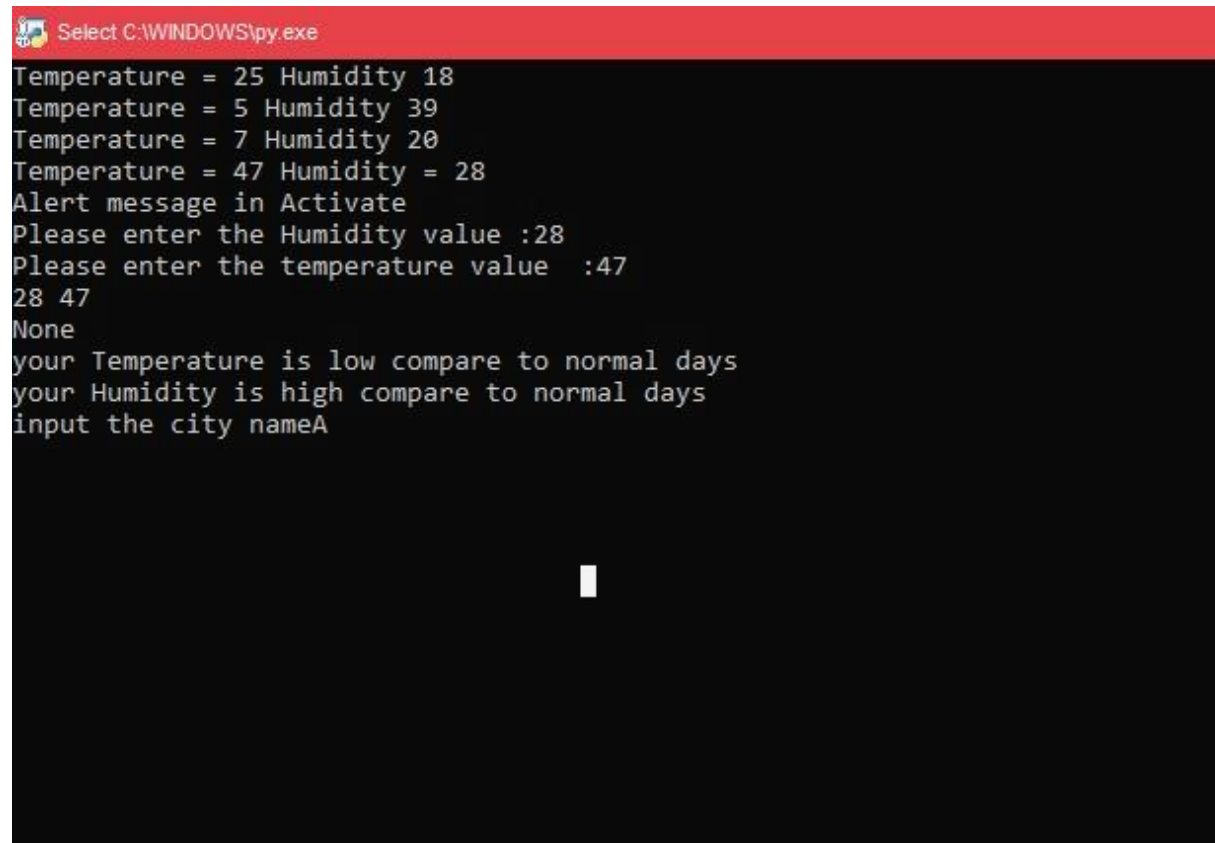
```

```

#enter temprature value
x= int(input("Please enter the Humidity value :"))
y= int(input("Please enter the 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 :



```
Select C:\WINDOWS\py.exe
Temperature = 25 Humidity 18
Temperature = 5 Humidity 39
Temperature = 7 Humidity 20
Temperature = 47 Humidity = 28
Alert message in Activate
Please enter the Humidity value :28
Please enter the temperature value :47
28 47
None
your Temperature is low compare to normal days
your Humidity is high compare to normal days
input the city nameA
```