# Assignment -2

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 07 November 2022 |
| Team ID | PNT2022TMID44153 |
| Student Name | MUHAMMED SANHAR KT |
| Student Roll Number | 724019104015 |
| Maximum Marks | 2 Marks |

# Question:

Build a python code, Assume u get temperature and humidity values (generated with a random function to a variable) and write a condition to detect an alarm in case of high temperature continuously.

# Solution: Program

import requests import random from time import \* gate=True

def run\_city():

city = input('input the city name') print(city)

print('Displaying Weater report for: ' + city) url = 'https://wttr.in/{}'.format(city)

res = requests.get(url) print(res.text) 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);

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:

