IOT ASSIGNMENT-2

SOURCE CODE:

import random

import time

while True:

temperature = random.randint(-15,100)

humidity = random.randint(1,100)

print(f"Checking Temperature: {temperature}"u'\N{DEGREE SIGN}'"C");

print(f"Checking Humidity: {humidity}%");

f = (temperature \* 1.8 ) +32

print("Temperature in Fahreheit is:",f)

if temperature >=37:

print(f"{temperature}"u'\N{DEGREE SIGN}'"C is a Hot Temperature\n Alarm is activated \n Notification is Notified")

elif temperature==37:

print(f"{temperature}"u'\N{DEGREE SIGN}'"C is a Normal Temperature")

if humidity >= 100:

print(f"{humidity}% it is a Humid humudity level")

elif 65<humidity<100 :

print(f"{humidity}% it is a Prefect humudity level")

else :

print(f"{humidity}% it is a Dry humudity level")

time.sleep(30)

OUTPUT:

