PANIMALAR ENGINEERING COLLEGE

Department of Electronics and Communication Engineering IOT Assignment

**Topic:** Assume you get temperature and humidity values and write a condition to continuously detect alarm in case of high temperature.

**Team ID:** PNT2022TMID01176

**Name:** SUJISH KUMAR.I

CODE:

import random

import time

while True:

try:

time.sleep(3)

temp = random.randrange(20, 50)

humid = random.randrange(10, 100)

if temp >= 40:

print(temp, "the temperature is high!!- ALARM")

else:

print(temp, "the temperature is normal")

if humid >= 70:

print(humid, "the humidity is high!!- ALARM")

else:

print(humid, "the humidity is normal")

except KeyboardInterrupt:

break

OUTPUT:

