Internet of Things Assignment

Assignment 2:

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.

Name: Bhuvanesh AK Team ID: PNT2022TMID27503 **Python Code:** import random import time def Temp_Humid_Monitor(): humid=random.randint(0,100) temp=random.random()*100 temp format="{:.2f}".format(temp) if(temp>45 and humid>55): print("Humidity is ",humid,end="%") print("\nTemperature is ",temp format,end=" deg celsius") print("\nHigh Temperature!") elif((humid>30 and humid<55) and (temp<45 and temp>18)): print("\nEnjoy your Day") while True: print("Calculating Temperature and Humidity") Temp Humid Monitor() time.sleep(5)print("That's all for today! "); $print("\n\n")$

Screenshot:

