**Sri Eshwar College Of Engineering**

**Assignment 2**

**Team Id:** PNT2022TMID19526

**Question:**

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

**Code:**

import random

import time

while(True):

temp=random.randint(0,99)

humidity=random.randint(0,99)

if(temp>30 and humidity<40):

print("\n")

print("High temperature detected:",temp,"\nHigh humidity detected:",humidity,"\n------Alarm is on------")

time.sleep(1)

elif(temp<30 and humidity>40):

print("\n")

print("Low temperature detected:",temp,"\nLow humidity detected:",humidity,"\n------Alarm is off------")

time.sleep(1)



