**Assignment-2**

**DOMAIN:** IOT

**TOPIC:** SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES

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ASSIGNMENT QUESTION:

**Build a python code, assume you 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.**

PYTHON CODE:

import random

import time

while(1!=0):

temperature=random.random()

humidity=random.random()

print("Temperature: ","%.5f"%temperature)

print("Humidity: ","%.5f"%humidity)

time.sleep(2)

if(temperature>0.7):

print("high temperature")

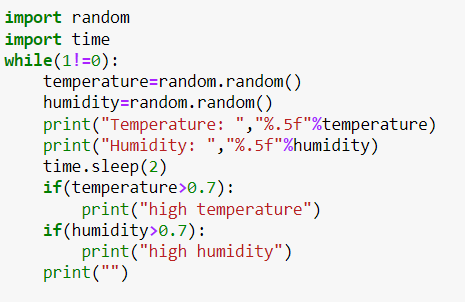
if(humidity>0.7):

print("high humidity")

print("")

EXECUTION RESULT

Program



Output

