**NALAIYA THIRAN**

***GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES - ASSIGNMENT 2***

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**--------------------------------------------------------------------------------------------------**

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).

**CODE:**

import random

i=1

c=u'\N{DEGREE SIGN}'

while(i<=7):

a=random.randint(20,200) #Get random temperature value

b=random.randint(20,100) #Get random humidity value

print(f'Day {i}')

print(f'Temperature:{a} {c}C')

print(f'Humidity :{b} g.m^3')

if a>80:

if b>80:

print("HAZARD PREDICTED... ")

else:

print("HIGH TEMPERATURE ")

elif a==80:

print("TEMPERATURE HIGH ")

else:

print("ALL GOOD ")

i=i+1

print(end="\n")

**OUTPUT:**

