Assignment -2

lo T-Based Industry - Real-Time River Water Quality

Monitoring and Control System

Python Programming

Assignment Date	13 October,2022
Student Name	Manobharathi D
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Maximum Marks	2 Marks

Problem statement:

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.

Solution:

Python code:

```python
import random

import time

while (1):

temp= random.randint(0, 100)

humi= random.randint(0, 100)

thresht=40

threshh=35

if temp>thresht :

 print("ALERT!!! Detected temperature is: "+str(temp)+"°C")

if humi> threshh :

 print("ALERT!!! Detected Humidity is: "+str(humi))

time.sleep(1)
```