

Assignment -2

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

Monitoring and Control System

Python Programming

Assignment Date	13 October,2022
Student Name	Sivanandhan B
Student Roll Number	715519106047
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:

```
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)
```