MAHENDRA INSTITUTE OF TECHNOLOGY(AUTONOMOUS)

Ideation Phase Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID17260
Project Name	Project – IoT based Real time river water quality Monitoring and Control System
Maximum Marks	2 Marks

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

Python Code:

```
import random
import time

while(True):
  temperature= random. randint(0,1024)
  print(f' Temperature = {temperature}')
  if temp>600:
    print('Temperature is high\n ========================= ')

  time.sleep(4)
```

EDITOR WINDOW:

OUTPUT WINDOW:

```
Temperature = 13
Temperature = 65
Temperature = 855
Temperature is high
 ========================
Temperature = 993
Temperature is high
 ========================
```