**Assignment -2**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 23 September 2022 |
| Student Name | Mr. BALAKARTHIKEYAN P |
| Student Roll Number | 912019106003 |
| Maximum Marks | 2 Marks |

**Question-1:**

Build 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

**Solution:**

*Code:*

import random

import time

while True:

temp = random.randint(1,200)

humidity = random.randint(1,100)

print("Checking Temperature:{temp1}C \n Checking Humidity:{humidity1}F".format(temp1=temp,humidity1=humidity))

if temp>=80:

print("Temperature is {temp2}C \n Alarm Detected...".format(temp2=temp))

time.sleep(10)

else:

print("Temperature is low”)