**Assignment -2**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 24 September 2022 |
| Student Name | Miss. Dhavamani M |
| Student Roll Number | 923819106013 |
| Maximum Marks | 2 Marks |

**Question-1:**

Build a python code, assume u get a 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:**

Import random

Import time

While True:

Temperature=random.randint(0,150)

Humidity=random.randint(0,100)

If Temperature>100 and Humidity>80:

print(“Temperature:”+str(Temperature))

print(“Humidity:”+str(Humidity))

print(“Alarm On!!”)

print(“ “)

time.sleep(2)

else:

print(“Temperature:”+str(Temperature))

print(“Humidity:”+str(Humidity))

print(“Range is Normal”)

print(“ “)



