ASSIGNMENT 2

Date	24 September 2022
Nmae	Sri Hari Sudhan K
Roll Number	718020L435
Project Name	Project – Smart Farmer-IoT Enabled Smart
	Farming Application
Maximum Marks	2 Marks

Topic: Assignment on temperature and humidity sensing and alarm automation using python

Code:

import random def tempMonitor(): minRoomTemp=15 maxRoomTemp=25 minRoomHum=30 maxRoomHum=50

```
temp = random.randint(14,26) humidity = random.randint(29,51)
```

if ((temp>=minRoomTemp)and(temp<=maxRoomTemp) and (humidity>=minRoomHum) and (humidity<=maxRoomHum)): print("The temperature and humidity is optimum") tempMonitor() else:

print(" ALERT: The humidity is high:"+ str(humidity)) return tempMonitor()

OUTPUT:



