

ASSIGNMENT-2

Mahath Amma Institute of Engineering & Technology

Electronics And Communication Engineering

Title: SmartFarmer - IoT Enabled Smart Farming Application

TEAM ID:PNT2022TMID47645

Problem:

Build a python code by assuming temperature and humidity values and write a condition to continuously ringing alarm in case of High temperature.

Code:

```
temperature = int(input("Enter temperature value: "))
humidity = int(input("Enter humidity value in %: "))
if(temperature>=38):
a = int(input("Number of times to alert: "))
for i in range(a):
print("Alert !!, alarming")
else:
print("The temperature is Moderate")
```

OUTPUT:

Output:

```
Enter temperature value: 40
Enter humidity value in %: 50
Number of times to alert: 7
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

```
Enter humidity value in %: 79
The temperature is Moderate
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```