IBM – NALAYATHIRAN PROJECT

Problem Statement :

IoT-Based Smart Crop Protection System for Agriculture

Domain :

Internet of Things

Assignment 2 :

To build a python code, assume you get temperature and humidity values (generated with random functions to a variable) and write a condition to continuously detect alarm in case of high temperature

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CODE:

```
import random
a=1
while a<=1:
    temp=random.choice(range(15,30,1))
    x=temp
    print(x)
    if x>15:
        if x<25:
            print("normal temperature")
        else:
            print("high temperature")
            print("alarm detected")
    else:
        print("low temperature")
```

OUTPUT:


normal temperature
16
normal temperature
20
normal temperature
25
high temperature
alarm detected
22
normal temperature
23
normal temperature
18
normal temperature
20
normal temperature
20
normal temperature
16
normal temperature
20
normal temperature
19
normal temperature
22
normal temperature
21
normal tempe