

V.S.B ENGINEERING COLLEGE, KARUR

ELECTRONICS AND COMMUNICATION ENGINEERING

TOPIC: SMART FARMER - IOT ENABLED SMART FARMING APPLICATION

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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:

```
Enter temperature value: 52
Enter humidity value in %: 65
Number of times to alert: 5
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
Alert !!, alarming
...Program finished with exit code 0
Press ENTER to exit console.□
```

```
Enter temperature value: 25  
Enter humidity value in %: 69  
The temperature is Moderate
```

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