

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

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IOT Assignment

Domain: IOT based smart crop protection

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

Code:

Import random

While(True):

a=random.randint(11,98)

b=random.randint(7,69)

if(a>45 and b>90):

print("high temperature and humidity of:",a,b,"%","alarm is on")

elif(a<37 and b<30):

print("normal temperature and humidity of:",a,b,"%","alarm is off")

break

```
1 import random
2 while (True):
3     a = random.randint (11, 98)
4     b = random.randint (7, 69)
5     if (a > 45 and b > 90):
6         print ("high temprature and humidity of:", a, b, "%", "alarm is on")
7     elif (a < 37 and b < 30):
8         print ("normal temperature and humidity of:", a, b, "%", "alarm if off")
9         break
10
```

normal temperature and humidity of: 20 23 % alarm if off

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