SNS COLLEGE OF TECHNOLOGY,COIMBATORE-641035

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IOT ASSIGNMENT

TOPIC: IoT Based Smart Crop Protection System for Agriculture

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**Assignment:**

Build a python code, Assume you get a temperature and humidity values (generated with random function to a variable ) and write a condition to detect alarm in case of high temperature.

# Code:

import random while(True):

temp=random.randint(10,99) humid=random.randint(10,99)

print("current temperature:",temp) print("current humidity:",humid,"%")

temp\_ref=37 humid\_ref=35

if temp>temp\_ref and humid<humid\_ref: print("Alarm On")

else:

print("Alarm off") break

# Output:

