**Problem Statement :**

**IoT-Based Smart Crop Protection System for Agriculture**

**Domain :**

Internet of Things

**Assignment 2 :**

To build a python code that gets Temperature and Humidity values ( Generated with random function to a variable ) and continuously detects alarm in case of high temperature

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**Code :**

import random

while(True):

    x = random.randint(10,1000)

    y = random.randint(10,1000)

    if( x > 400 and y > 900 ):

        print("High Temperature & Humidity of : ",x, " Degree ",y,"%",",Alarm is ON")

    elif(x == 400 and y == 900):

        print("Mid Temperature & Humidity of : ",x," Degree ",y,"%",",Alarm is ON")

    elif(x < 400 and y < 900):

        print("Normal Temperature & Humidity of : ",x," Degree ",y,"%","Alarm is OFF")

        break

**Screenshot :**

