ASSIGNMENT -2

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Project Name	IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE .
Assignment -2	Build a python code, assume you get temperature and humidity values(generated with random function to a variable) and write a condition to detect an alarm in case of high temperature continuously.

PROGRAM:

```
import random

while(True):

  a=random.randint(10,99)

  b=random.randint(10,99)

  if(a>35 and b>60):

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

  elif(a<35 and b<60):

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

    break
```

OUTPUT:

```
7% Python Shell                                                                                    —    □    ×
File  Edit  Shell  Debug  Options  Windows  Help
Python 3.0 (r30:67507, Dec  3 2008, 20:14:27) [MSC v.1500 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.

    ************************************************************
    Personal firewall software may warn about the connection IDLE
    makes to its subprocess using this computer's internal loopback
    interface.  This connection is not visible on any external
    interface and no data is sent to or received from the Internet.
    ************************************************************

IDLE 3.0
>>> ================================ RESTART ================================
>>>
Traceback (most recent call last):
  File "C:\Users\ELCOT\Desktop\python file\assignment 2", line 2, in <module>
    while(true):
NameError: name 'true' is not defined
>>> ================================ RESTART ================================
>>>
Traceback (most recent call last):
  File "C:\Users\ELCOT\Desktop\python file\assignment 2", line 2, in <module>
    while(true):
NameError: name 'true' is not defined
>>> ================================ RESTART ================================
>>>
high temperature and humidity of: 45 78 % alarm is on
high temperature and humidity of: 70 78 % alarm is on
normal temperature and humidity of: 34 42 % alarm is off
>>>
```