

## ASSIGNMENT 2

Date	18 October 2022
Team ID	PNT2022TMID17466
Project Name	Smart Farmer-IoT Enabled Smart Farming Application
Marks	2 Marks

### PROGRAM

```
import random

while(True):

    a=random.randint(10,100)

    b=random.randint(10,100)

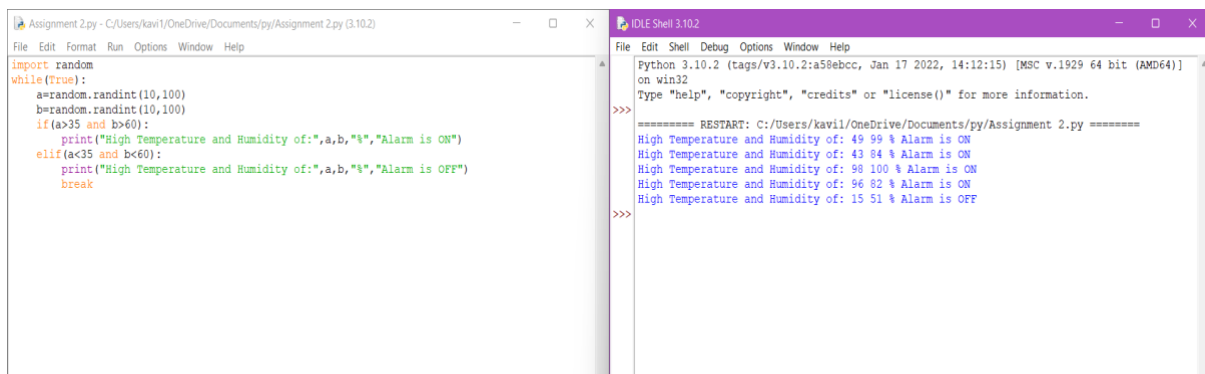
    if(a>35 and b>60):

        print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")

    elif(a<35 and b<60):

        print("High Temperature and Humidity of:",a,b,"%","Alarm is OFF")

    break
```



The screenshot shows a Python IDE with two windows. The left window displays the code from the 'PROGRAM' section. The right window shows the output of the program, which consists of five lines of text, each representing a random sample of temperature and humidity with the corresponding alarm status.

```
Assignment 2.py - C:/Users/kavil/OneDrive/Documents/py/Assignment 2.py (3.10.2)
File Edit Format Run Options Window Help

import random
while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b>60):
        print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")
    elif(a<35 and b<60):
        print("High Temperature and Humidity of:",a,b,"%","Alarm is OFF")
    break

IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]
on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/kavil/OneDrive/Documents/py/Assignment 2.py =====
High Temperature and Humidity of: 49 99 % Alarm is ON
High Temperature and Humidity of: 43 84 % Alarm is ON
High Temperature and Humidity of: 98 100 % Alarm is ON
High Temperature and Humidity of: 96 82 % Alarm is ON
High Temperature and Humidity of: 15 51 % Alarm is OFF
>>>
```