

ASSIGNMENT 2

Date	24 September 2022
Team ID	PNT2022TMID14625
Name	Kaviarasu D
Project Name	Project – Smart Farmer-IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

PROGRAM CODE

```
import random

while(True):

    a=random.randint(10,100)

    b=random.randint(10,100)

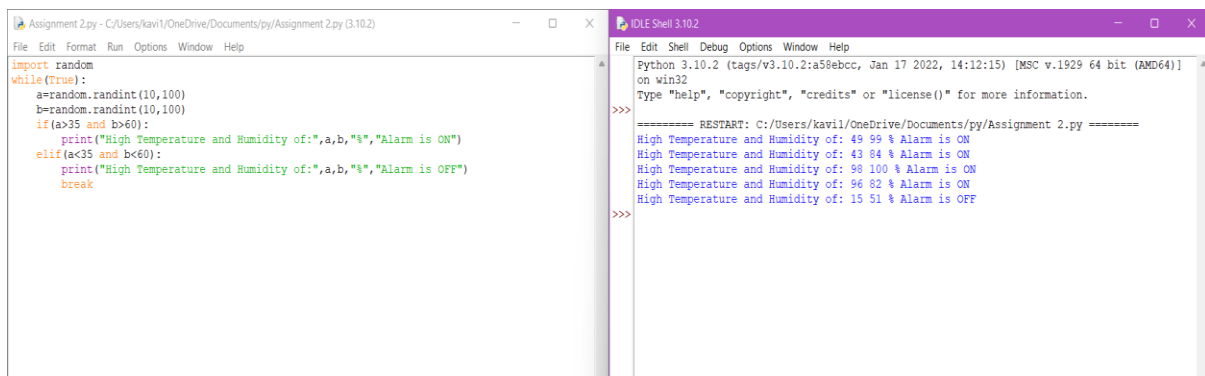
    if(a>35 and b>60):

        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 displays a Python IDE with two windows. The left window, titled 'Assignment 2.py', contains the following code:

```
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 right window, titled 'IDLE Shell 3.10.2', shows the output of the program after several iterations:

```
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: 90 100 % Alarm is ON
High Temperature and Humidity of: 96 82 % Alarm is ON
High Temperature and Humidity of: 15 51 % Alarm is OFF
>>>
```