

## ASSIGNMENT 2

Date	24 September 2022
Team ID	PNT2022TMID21342
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Project Name	Project – Smart Farmer-IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

### PROGRAM

```
import random

while(True):

    a=random.randint(10,100)

    b=random.randint(10,100)

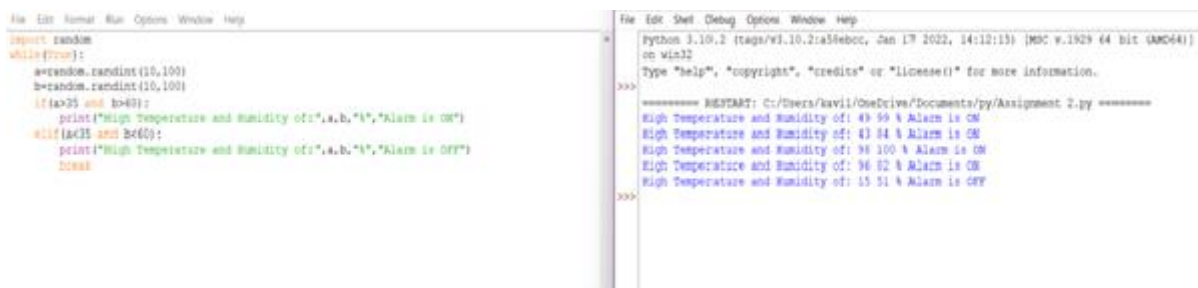
    if(a>35 and b>60):

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 displays a Python IDE with two windows. The left window shows the source code for a program that generates random temperature and humidity values and prints an alarm status based on specific conditions. The right window shows the output of the program, which includes the Python version, a restart message, and several lines of generated data and alarm status.

```
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
```

```
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:5a58e6cc, Jan 17 2022, 14:12:13) [AMD64] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/kavii/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 52 % Alarm is ON
High Temperature and Humidity of: 15 51 % Alarm is OFF
>>>
```