



MAHENDRA INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

Smart Farmer-IOT Enabled Smart Farming Application

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TITLE	Smart Farmer-IOT Enabled Smart Farming Application
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ASSIGNMENT 2

PROGRAM:

```
import random

while(True):

    a=random.randint(10,100)

    b=random.randint(10,100)

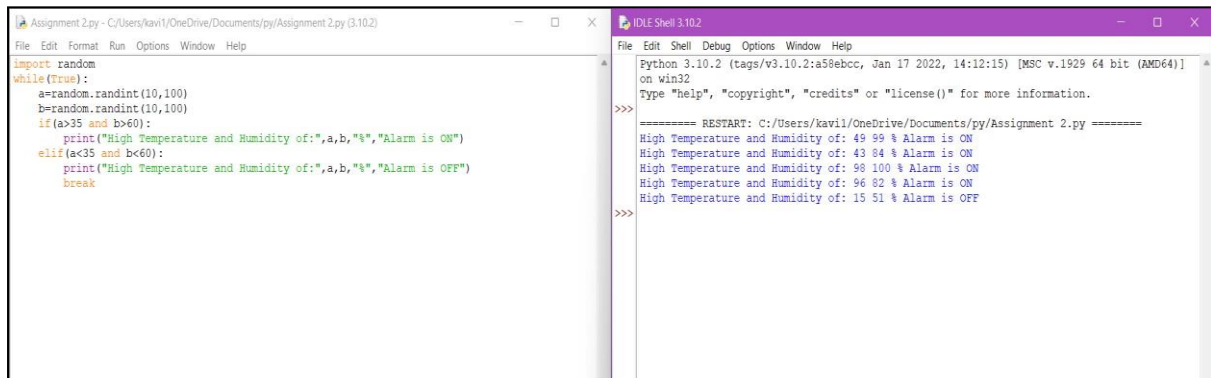
    if(a>35 and b>60):

        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
```

Output:



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 script 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 59 % 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  
>>>
```