

## ASSIGNMENT 2

Date	24 September 2022
Team ID	PNT2022TMID44170
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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)
```

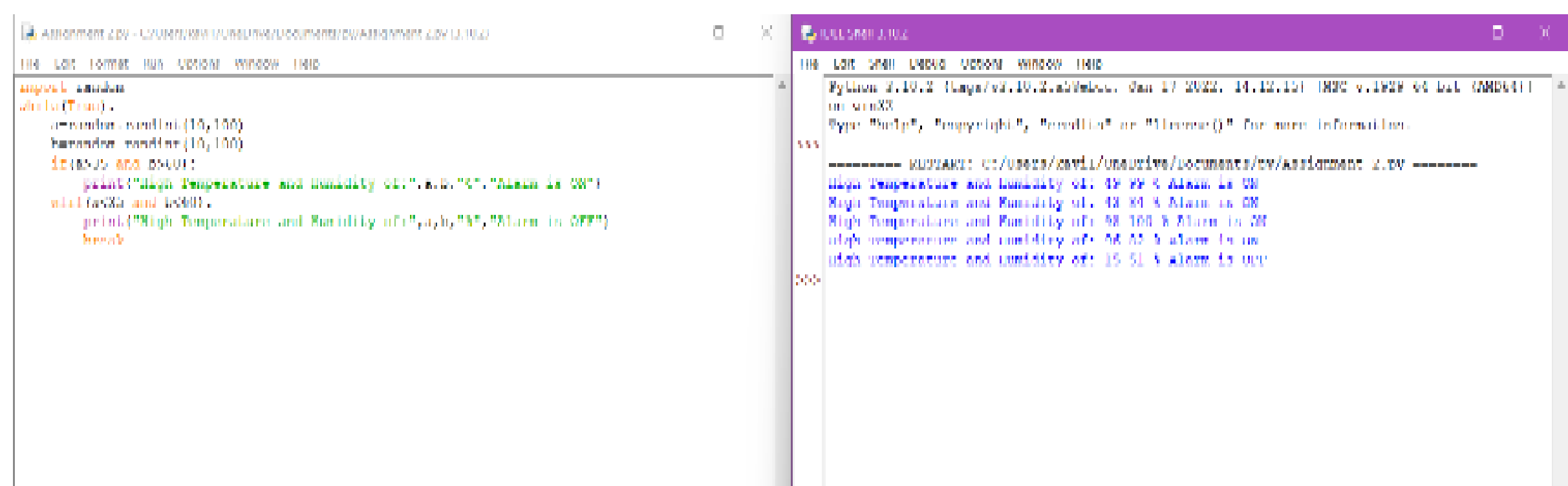
```
    if(a>35 and b>60):
```

```
        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 image shows two side-by-side screenshots of a Python script. The left screenshot displays the source code in a text editor, and the right screenshot shows the output of the script when executed in a Python shell.

**Left Screenshot (Source 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
```

**Right Screenshot (Output):**

```
Python 3.10.2 Shell [C:\Users\FEBILA\AppData\Local\Microsoft\Windows\Apps\PythonScript3.10\Python 3.10.2 Shell.exe]
Type "help()", "copyright()", "credits()" or "license()" for more information.
>>>
----- PYTHONPATH: C:\Users\FEBILA\AppData\Local\Microsoft\Windows\Apps\PythonScript3.10\Python 3.10.2 Shell.exe -----
High Temperature and Humidity of: 48 69 % Alarm is ON
High Temperature and Humidity of: 48 69 % Alarm is ON
High Temperature and Humidity of: 58 68 % Alarm is ON
High Temperature and Humidity of: 58 68 % Alarm is ON
High Temperature and Humidity of: 15 51 % Alarm is OFF
>>>
```

