

ASSIGNMENT 2

Date	24 September 2022
Team ID	PNT2022TMID44170
Name	FATHIMA SULTHANA S
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)
```

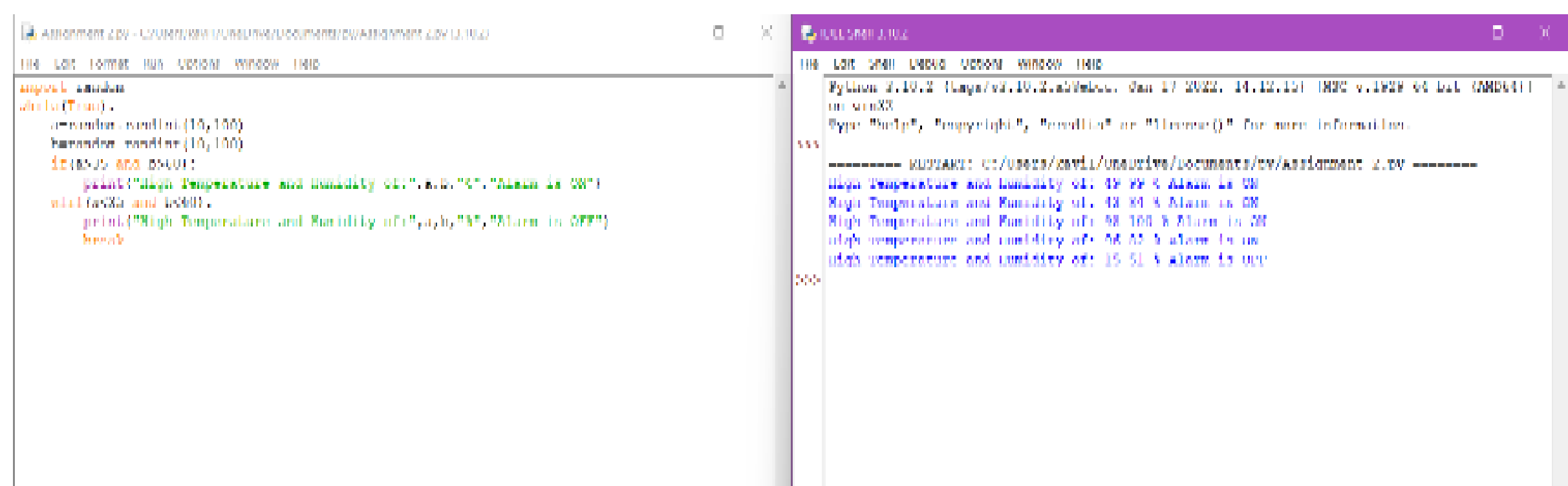
```
    if(a>35 and b>60):
```

```
        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 execution. The left screenshot shows the code in a text editor, and the right screenshot shows the output in a terminal window.

Left Screenshot (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\Fathima\Documents\py\Assignment 2.py]
Type "help()", "copyright()", "credits()" or "license()" for more information.
>>>
----- PYTHONPATH: C:\Users\Fathima\Documents\py\Assignment 2.py -----
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: 58 100 % Alarm is ON
High Temperature and Humidity of: 58 100 % Alarm is ON
High Temperature and Humidity of: 15 51 % Alarm is OFF
>>>
```

