

ASSIGNMENT 2

Date	24 September 2022
Team ID	PNT2022TMID44170
Name	GOMATHI.M
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)
```

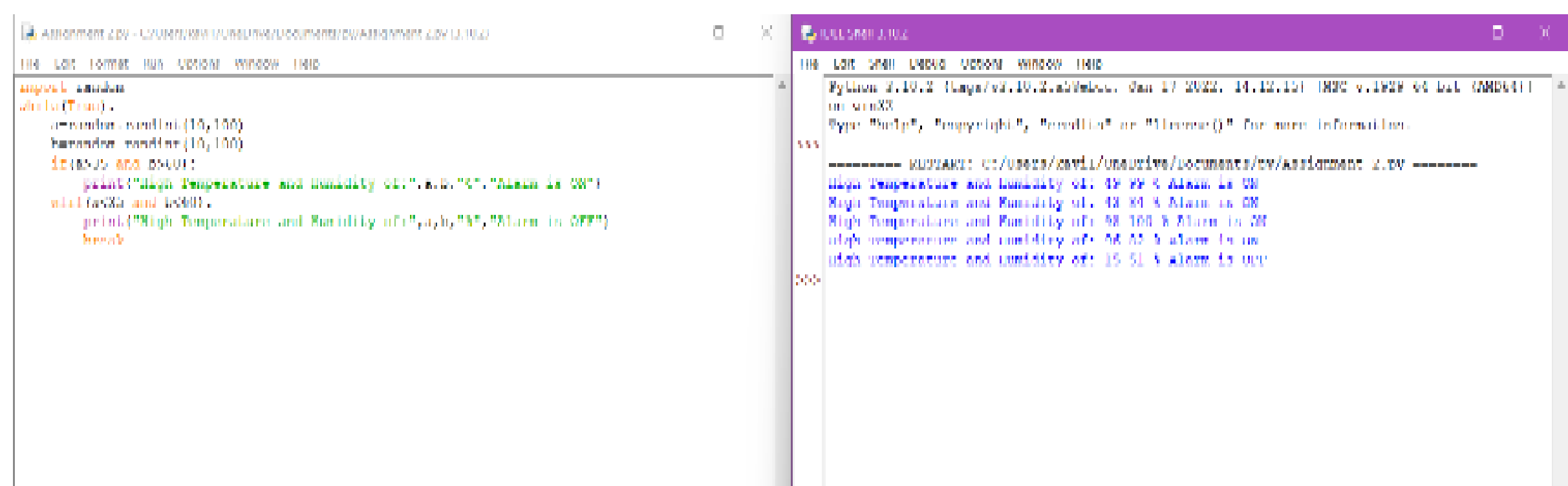
```
    if(a>35 and b>60):
```

```
        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 windows from a Windows operating system. The left window, titled 'ASSIGNMENT 2.VY - C:\WINDOWS\SYSTEM32\cmd.exe', displays a Python script. The script imports the 'random' module and enters a 'while(True):' loop. Inside the loop, it generates two random integers 'a' and 'b' between 10 and 100. It then checks if 'a > 35 and b > 60'. If true, it prints 'High Temperature and Humidity of: ', followed by 'a', 'b', a percentage sign, and 'Alarm is ON'. If false, it prints 'High Temperature and Humidity of: ', followed by 'a', 'b', a percentage sign, and 'Alarm is OFF'. Finally, it breaks the loop. The right window, titled 'SOLU0001.VY', shows the output of the script. It displays the same logic as the script, with the output for 'a=48, b=69' being 'High Temperature and Humidity of: 48 69 % Alarm is ON'. The output is repeated for several iterations, showing different random values for 'a' and 'b' and the corresponding alarm status.

