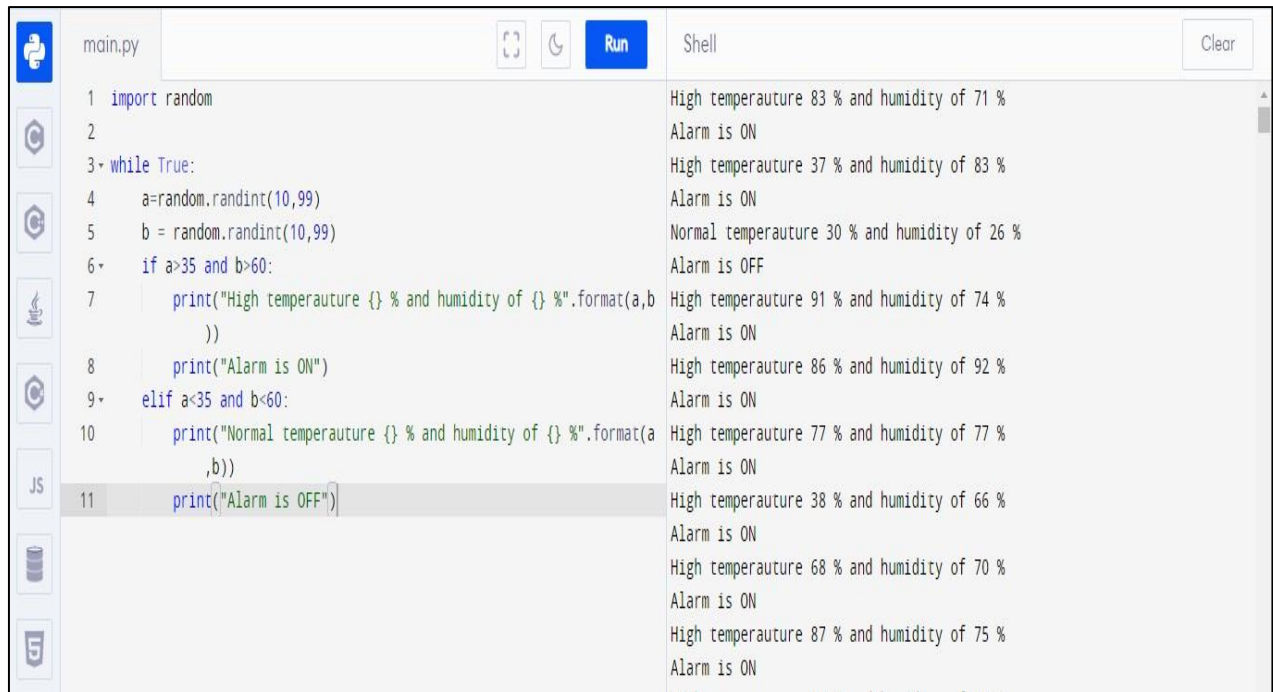


## ASSIGNMENT – 02

**TEAM ID: PNT2022TMID12411**



The screenshot displays a Jupyter Notebook environment. On the left, a sidebar contains icons for Python, a file explorer, a search bar, a terminal, and a help icon. The main area is divided into two panes. The left pane, titled 'main.py', contains a Python script with 11 lines of code. The right pane, titled 'Shell', shows the output of the script. The script generates random temperature and humidity values and prints them along with an alarm status based on specific conditions.

```
1 import random
2
3 while True:
4     a=random.randint(10,99)
5     b = random.randint(10,99)
6     if a>35 and b>60:
7         print("High temperauture {} % and humidity of {} %".format(a,b
8         ))
9         print("Alarm is ON")
10    elif a<35 and b<60:
11        print("Normal temperauture {} % and humidity of {} %".format(a
12        ,b))
13    print("Alarm is OFF")
```

The output in the Shell pane shows the following sequence of results:

```
High temperauture 83 % and humidity of 71 %
Alarm is ON
High temperauture 37 % and humidity of 83 %
Alarm is ON
Normal temperauture 30 % and humidity of 26 %
Alarm is OFF
High temperauture 91 % and humidity of 74 %
Alarm is ON
High temperauture 86 % and humidity of 92 %
Alarm is ON
High temperauture 77 % and humidity of 77 %
Alarm is ON
High temperauture 38 % and humidity of 66 %
Alarm is ON
High temperauture 68 % and humidity of 70 %
Alarm is ON
High temperauture 87 % and humidity of 75 %
Alarm is ON
```