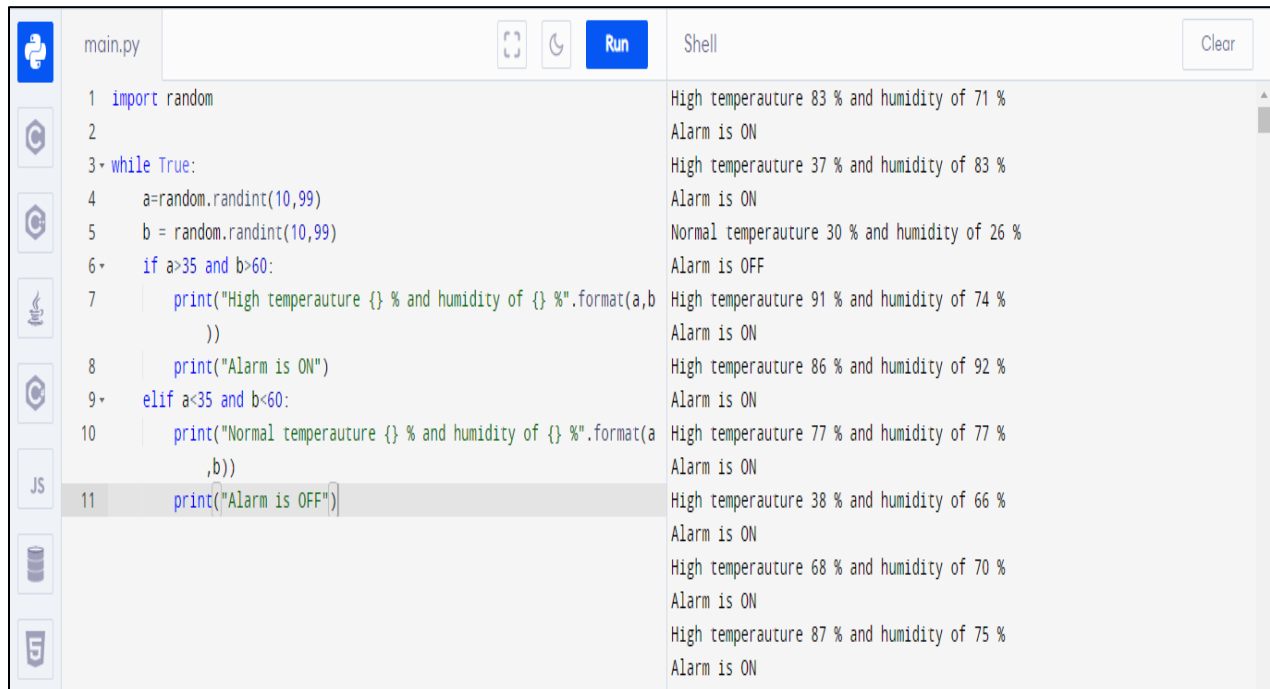


ASSIGNMENT – 02

NAME:KAVI.T

REGISTER NUMBER: CITC1904019

TEAM ID: PNT2022TMID52751



The screenshot shows a Python IDE interface. On the left is a sidebar with icons for Python, a file explorer, a search bar, and other tools. The main area is split into two panes. The left pane displays the code in a file named `main.py`. The code is as follows:

```
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 temprauture {} % and humidity of {} %".format(a,b
8             ))
9         print("Alarm is ON")
10    elif a<35 and b<60:
11        print("Normal temprauture {} % and humidity of {} %".format(a
12            ,b))
13    print("Alarm is OFF")
```

The right pane, titled "Shell", shows the output of the program. It displays a series of messages alternating between "High temprauture ... and humidity of ... %" and "Alarm is ON", followed by "Normal temprauture ... and humidity of ... %" and "Alarm is OFF". The output is as follows:

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