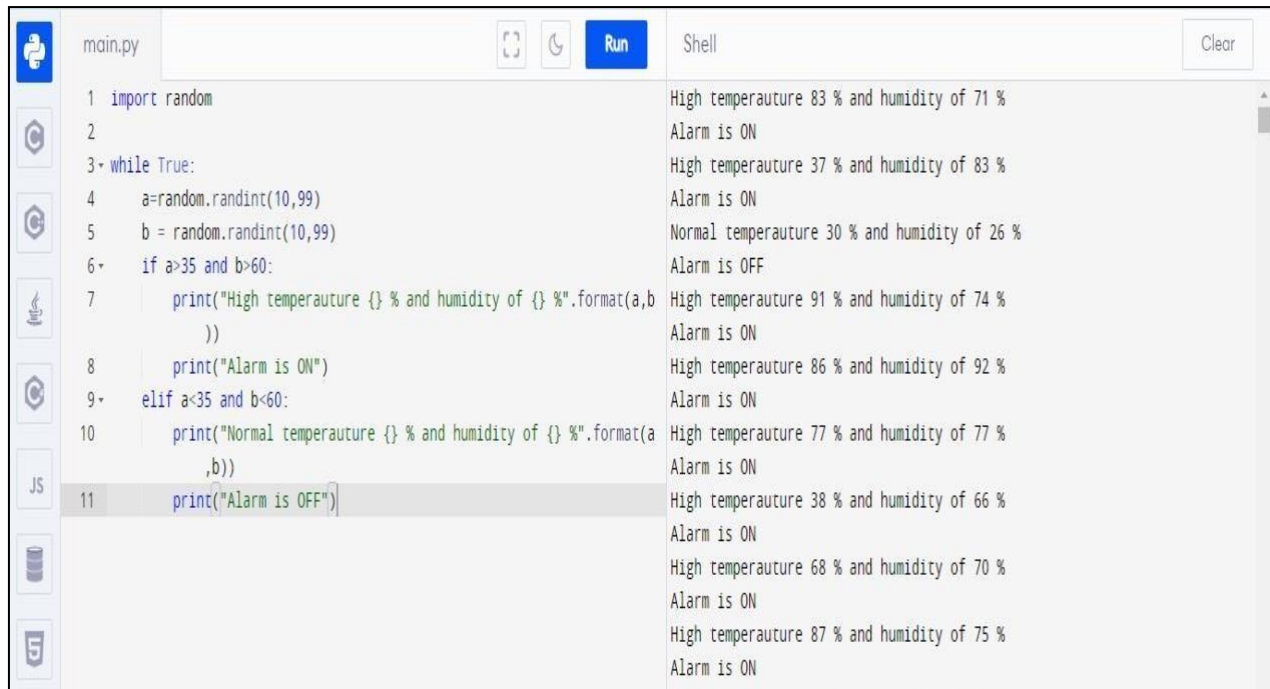


## ASSIGNMENT – 02

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The screenshot shows a Python IDE with a file named 'main.py'. The code is a while loop that generates random temperature and humidity values and prints them along with an alarm status. The output in the shell shows the results of the script's execution.

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

Shell

```
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
```