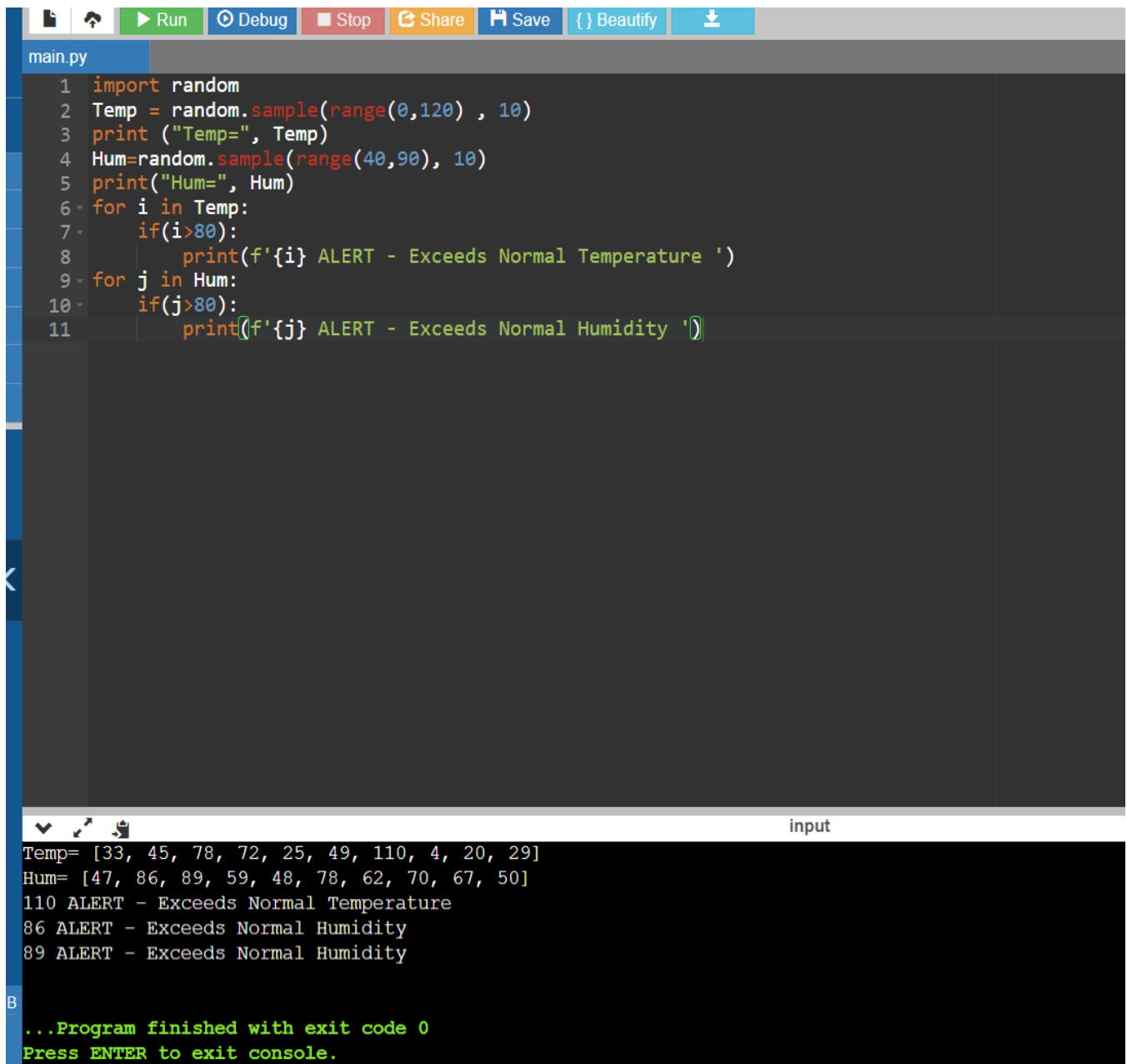


ASSIGNMENT-2

- 1) Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.



The screenshot shows a Python IDE with a toolbar at the top containing icons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. The file is named 'main.py'. The code in the editor is as follows:

```
1 import random
2 Temp = random.sample(range(0,120) , 10)
3 print ("Temp=", Temp)
4 Hum=random.sample(range(40,90), 10)
5 print("Hum=", Hum)
6 for i in Temp:
7     if(i>80):
8         print(f'{i} ALERT - Exceeds Normal Temperature ')
9 for j in Hum:
10    if(j>80):
11        print(f'{j} ALERT - Exceeds Normal Humidity ')
```

The output console at the bottom shows the execution results:

```
Temp= [33, 45, 78, 72, 25, 49, 110, 4, 20, 29]
Hum= [47, 86, 89, 59, 48, 78, 62, 70, 67, 50]
110 ALERT - Exceeds Normal Temperature
86 ALERT - Exceeds Normal Humidity
89 ALERT - Exceeds Normal Humidity
...Program finished with exit code 0
Press ENTER to exit console.
```