

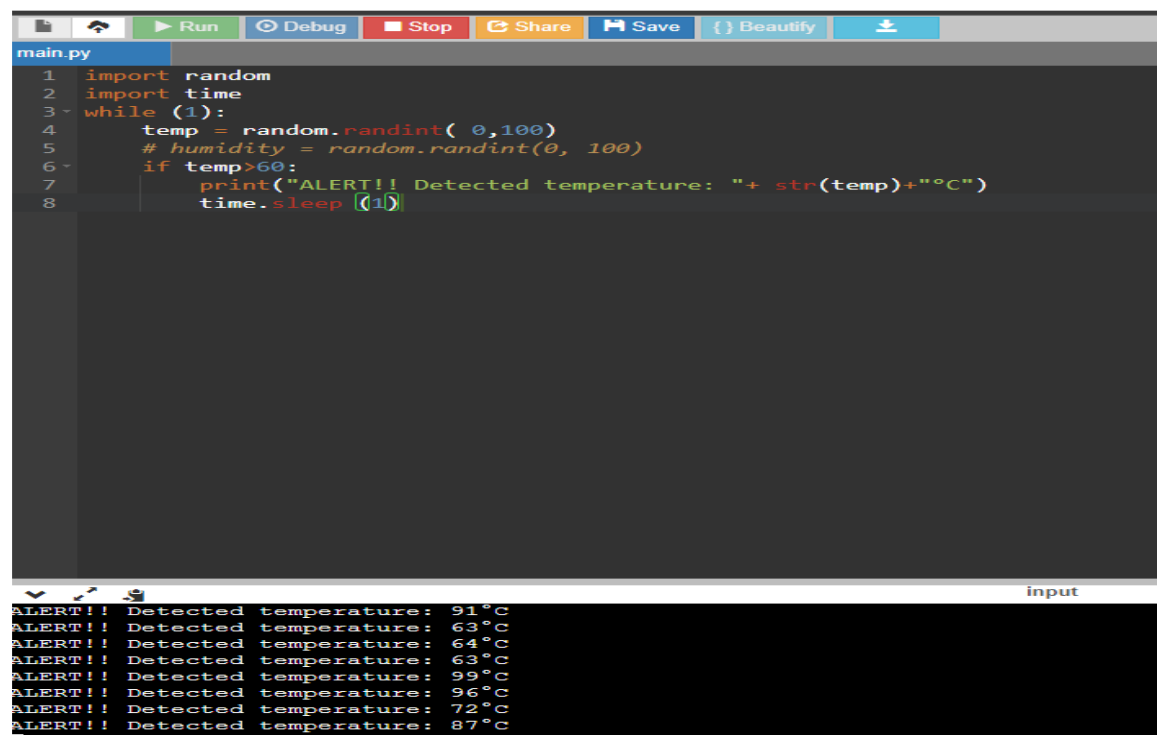
ASSIGNMENT-2

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.

CODE:

```
import random
import time
while (1):
    temp = random.randint( 100)
    humidity = random. (0, 100)
    if temp>60:
        print("ALERT!! Detected temperature: "+
        (temp)+"°C")
        time.sleep (1)
```

Executed Code:

A screenshot of a Python IDE window titled 'main.py'. The code in the editor is as follows:

```
1 import random
2 import time
3 while (1):
4     temp = random.randint( 0,100)
5     # humidity = random.randint(0, 100)
6     if temp>60:
7         print("ALERT!! Detected temperature: "+ str(temp)+"°C")
8         time.sleep [(1)]
```

The IDE has a toolbar with buttons for Run, Debug, Stop, Share, Save, and Beautify. Below the editor, the output console shows the following messages:

```
ALERT!! Detected temperature: 91°C
ALERT!! Detected temperature: 63°C
ALERT!! Detected temperature: 64°C
ALERT!! Detected temperature: 63°C
ALERT!! Detected temperature: 99°C
ALERT!! Detected temperature: 96°C
ALERT!! Detected temperature: 72°C
ALERT!! Detected temperature: 87°C
```