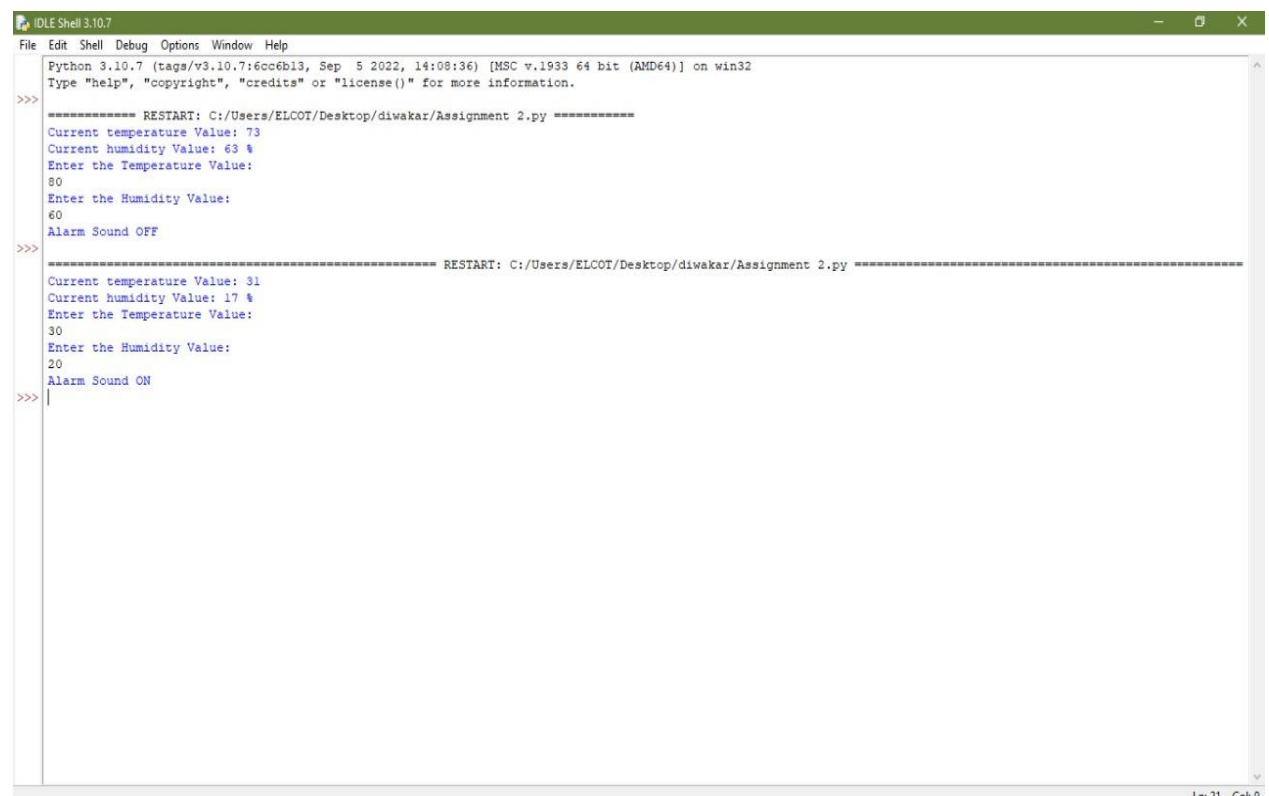


CODE :

#Nalaiyathiran Assignment 2 :

```
import random
while(True):
    temp=random.randint(10,130)
    humid=random.randint(10,100)
    print("Current temperature Value:",temp)
    print("Current humidity Value:",humid,"%")
    print("Enter the Temperature Value: ")
    temp_ref= int(input())
    print("Enter the Humidity Value: ")
    humid_ref= int(input())
    if temp>temp_ref and humid<humid_ref:
        print("Alarm Sound ON")
    else:
        print("Alarm Sound OFF")
    break
```

OUTPUT :



```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ELCOT/Desktop/diwakar/Assignment 2.py =====
Current temperature Value: 73
Current humidity Value: 63 %
Enter the Temperature Value:
80
Enter the Humidity Value:
60
Alarm Sound OFF
>>>
===== RESTART: C:/Users/ELCOT/Desktop/diwakar/Assignment 2.py =====
Current temperature Value: 31
Current humidity Value: 17 %
Enter the Temperature Value:
30
Enter the Humidity Value:
20
Alarm Sound ON
>>>
```