```
1.py - C:/Users/ELCOT/Documents/1.py (3.10.7)
                                                                                                                X
File Edit Format Run Options Window Help
import random
temp=random.randint(10,120)
hum=random.randint(10,120)
print (temp)
print (hum)
a= temp
b= hum
if ((a<80) & (b<90)):
    print ("Temperature is Normal")
    print("Humidity is Normal")
    print ("Alarm OFF")
elif((a>80)&(b>90)):
    print ("Temperature is High")
    print("Humidity is Low")
    print ("Alarm ON")
elif ((a>80)&(b<90)):
    print ("Temperature is High")
    print ("Humidity is High ")
    print ("Alarm ON")
elif((a<80)&(b>90)):
    print("Temperature is Low")
    print ("Humidity is High")
    print ("Alarm OFF")
else:
    nrint / !! Tomponature in Total!
                                                                                                                 Ln: 1 Col: 0
```

```
×
1.py - C:/Users/ELCOT/Documents/1.py (3.10.7)
File Edit Format Run Options Window Help
PIIIL (Hum)
a= temp
b= hum
if ((a<80) & (b<90)):
    print ("Temperature is Normal")
    print("Humidity is Normal")
    print ("Alarm OFF")
elif((a>80)&(b>90)):
    print ("Temperature is High")
    print("Humidity is Low")
    print ("Alarm ON")
elif ((a>80)&(b<90)):
    print ("Temperature is High")
    print ("Humidity is High ")
    print ("Alarm ON")
elif((a<80)&(b>90)):
    print ("Temperature is Low")
    print ("Humidity is High")
    print ("Alarm OFF")
else:
    print ("Temperature is Low")
    print("Humidity is Low")
    print ("Alarm OFF")
    print ("nothing happen ")
                                                                                                                Ln: 35 Col: 0
```

```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
                       MEDIANI. C./ODELD/EDCOI/DOCUMENCD/I.Py
   69
   40
   Temperature is High
   Humidity is Low
   Alarm ON
>>>
   ========= RESTART: C:/Users/ELCOT/Documents/1.py ============
>>> 15
   43
   Temperature is Low
   Humidity is High
   Alarm OFF
   ======== RESTART: C:/Users/ELCOT/Documents/1.py =============
   14
   40
   Temperature is Low
   Humidity is High
   Alarm OFF
   ========= RESTART: C:/Users/ELCOT/Documents/1.py ============
   112
   24
   Temperature is High
   Humidity is High
   Alarm ON
```

Ln: 40 Col: 0