```
74 Assignment 2 - C:/Users/ELCOT/Desktop/IBM project/Assignment/Assignment 2
                                                                                     ×
File Edit Format Run Options Windows Help
import random
temperature=random.randint(1,100)
humidity=random.randint(1,50)
print (temperature)
print (humidity)
if((temperature<50)&(humidity<30)):
    print ("temperature is normal: ")
    print("humidity is normal: ")
    print ("alarm off")
elif((temperature<50)&(humidity>30)):
    print ("temperature is low: ")
    print ("humidity is high: ")
    print ("alarm off")
elif((temperature>50)&(humidity<30)):
    print ("temperature is high: ")
    print ("humidity is high: ")
    print ("alarm on")
elif((temperature>50)&(humidity>30)):
    print ("temperature is high: ")
    print ("humidity is low: ")
    print ("alarm on")
else:
    print ("temperature is very low: ")
    print ("humidity is very low: ")
    print ("alarm off")
                                                                               Ln: 27 Col: 0
```

```
74 Python Shell
                                        - D X
File Edit Shell Debug Options Windows Help
>>>
36
61
temperature is high:
humidity is high:
alarm on
        ----- RESTART ------
>>>
69
temperature is high:
humidity is high:
>>>
70
19
temperature is high:
humidity is high:
alarm on
>>>
46
temperature is low:
humidity is high:
alarm off
>>>
56
32
temperature is high:
humidity is low:
alarm on
           RESTART -----
>>> =====
>>>
39
36
temperature is low:
humidity is high:
alarm off
```