

regress - C:\Python\Scripts

File Edit Format Run Options Windows Help

```
import random
temperature=random.randint(1,100)
humidity=random.randint(1,100)
print(temperature)
print(humidity)
if (temperature<50 & humidity<50):
    print("temperature is normal")
    print("humidity is normal")
    print("alarm off")
elif (temperature<50 & humidity>50):
    print("temperature is low")
    print("humidity is high")
    print("alarm on")
elif (temperature>50 & humidity<50):
    print("temperature is high")
    print("humidity is high")
    print("alarm on")
elif (temperature>50 & humidity>50):
    print("temperature is high")
    print("humidity is low")
    print("alarm on")
else:
    print("temperature is low")
    print("humidity is low")
    print("alarm off")
```

Python Shell

File Edit Shell Debug Options Windows Help

```
>>> ===== RESTART =====
>>>
28
40
temperature is low
humidity is low
alarm off
>>> ===== RESTART =====
>>>
14
50
temperature is low
humidity is high
alarm off
>>> ===== RESTART =====
>>>
13
48
temperature is low
humidity is low
alarm off
>>> ===== RESTART =====
>>>
34
42
temperature is high
humidity is high
alarm on
>>> ===== RESTART =====
>>>
40
34
temperature is low
humidity is high
alarm on
>>> ===== RESTART =====
>>>
18
16
temperature is normal
humidity is normal
```