```python
import random


while(True):

    temp=random.randint(10,99)
    humid=random.randint(10,99)
    print("current temperature:",temp)
    print("current humidity:",humid,"%")
    temp_ref=37
    humid_ref=35


    if temp>temp_ref and humid<humid_ref:
        print("Alarm on")
    else:
        print("Alarm off")
        break
```

File   Edit   Shell   Debug   Options   Window   Help

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
 RESTART: C:/Users/User/AppData/Local/Programs/Python/Python37/thangapushpam.py
current temperature: 44
current humidity: 45 %
Alarm off
>>> |
```