```python
import random

while(True):

    temp=random.randint(15,69)
    humid=random.randint(15,69)

    print("current temperature:", temp)
    print("current humidity: ", humid, "%")

    temp_ref=99

    humid_ref=27

    if temp>temp_ref and humid<humid_ref:
        print("Alarm Off")

    else:

        print("Alarm on")
        break
```