```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=41

    humid_ref=47

    if temp>temp_refandhumid<humid_ref:

        print("Sound alarm")

    else:

        print("Sound off")

    break
```