PROGRAM

```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("Sound Alarm")
 else:
  print ("Sound off")
 break
```

OUTPUT

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\ELCOT\Downloads\muthamilarasu.py ============

current temperature: 63

current humidity: 39 %

Sound off

>>>