PROGRAM

import random

while(True):

 temp=random.randint(11,69)

 humid=random.randint(12,88)

 print("current temperature:",temp)

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

 temp_ref=37

 humid_ref=35

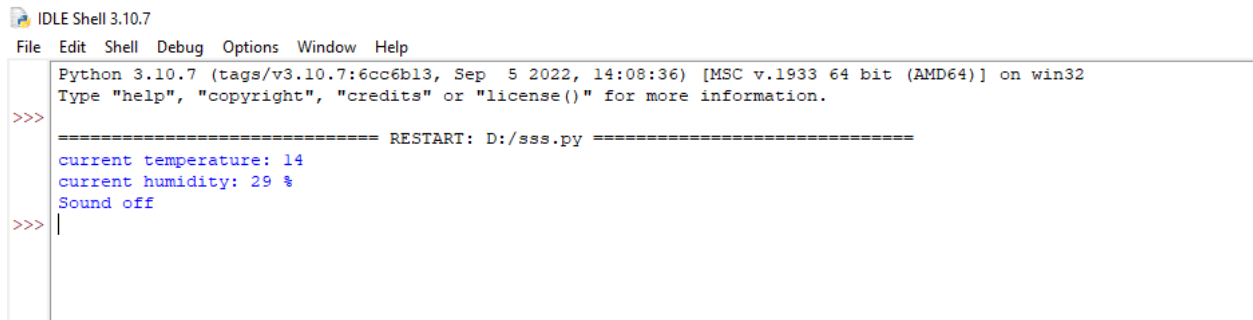 if temp>temp_ref and humid<humid_ref:

   print("Sound alarm")

 else:

   print("Sound off")

 break

OUTPUT

```
IDLE Shell 3.10.7
File  Edit  Shell  Debug  Options  Window  Help
    Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep  5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
    Type "help", "copyright", "credits" or "license()" for more information.
>>>
    ============================= RESTART: D:/sss.py =============================
    current temperature: 14
    current humidity: 29 %
    Sound off
>>>
```