

## PROGRAM

```
import random

while(True):

    temp=random.randint(11,99)

    humid=random.randint(12,99)

    print("current temperature:",temp)

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

    temp_ref=37

    humid_ref=35

    if temp>temp_ref and humid<humid_ref:

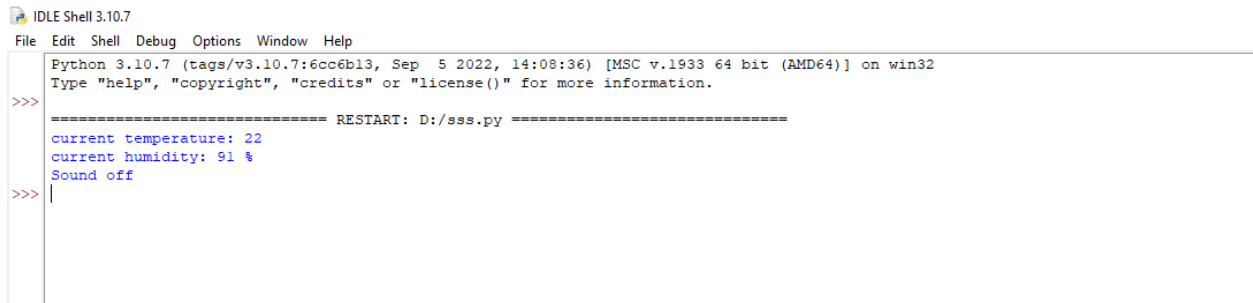
        print("Sound alarm")

    else:

        print("Sound off")

    break
```

## OUTPUT



The screenshot shows the IDLE Shell 3.10.7 interface. The title bar reads "IDLE Shell 3.10.7". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The shell window displays the following text:

```
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: 22
current humidity: 91 %
Sound off
>>> |
```