

```
import random

while(True):

    temp=random.randint(6,48)

    humid=random.randint(11,49)

    print("current temperature:",temp)

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

    temp_ref=43

    humid_ref=42

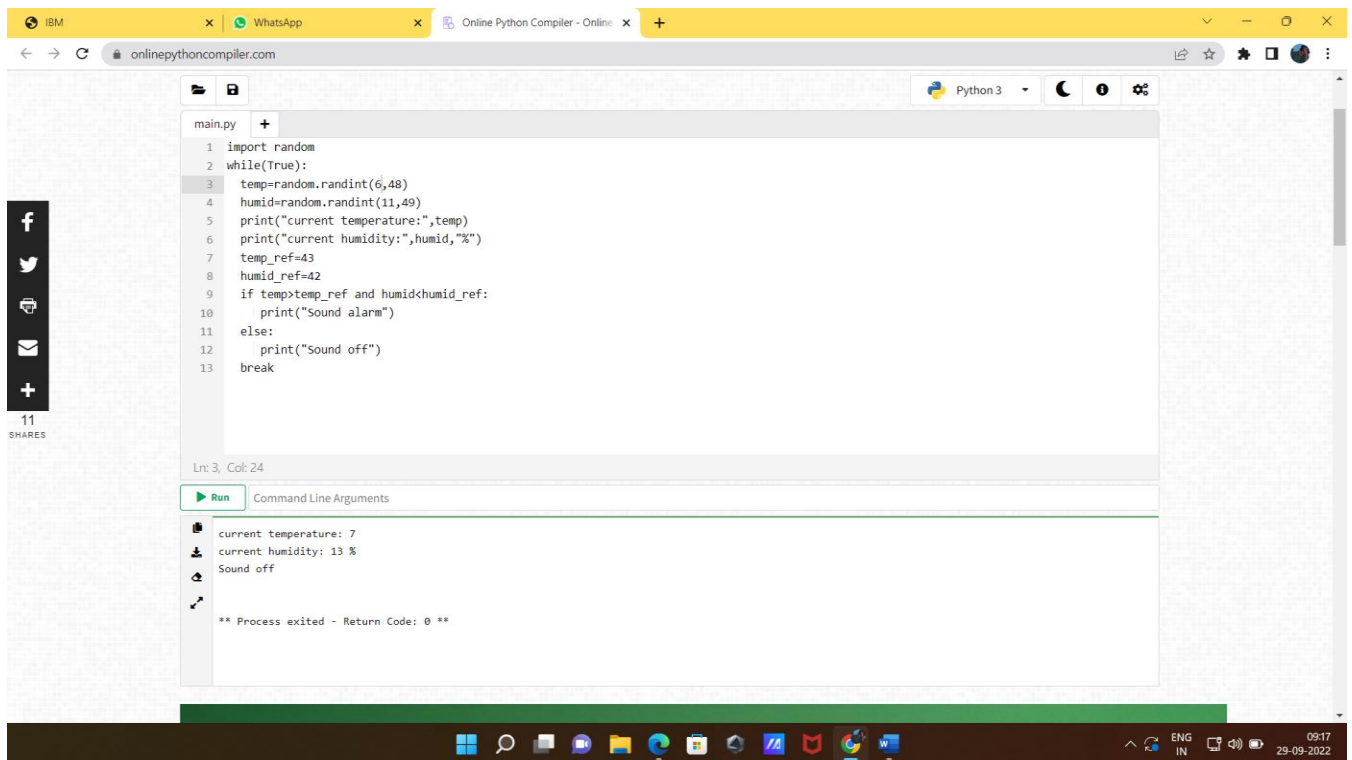
    if temp>temp_ref and humid<humid_ref:

        print("Sound alarm")

    else:

        print("Sound off")

    Break
```



The screenshot displays a web browser window with the URL `onlinepythoncompiler.com`. The browser's address bar and tabs are visible at the top. The main content area shows a Python script in a text editor, with line numbers 1 through 13. The script imports the `random` module and enters a `while(True):` loop. Inside the loop, it generates random temperature and humidity values, prints them, and checks if the temperature is above a reference value (43) and humidity is below a reference value (42). If both conditions are met, it prints "Sound alarm"; otherwise, it prints "Sound off". The script ends with a `break` statement. Below the code editor, there is a "Run" button and a "Command Line Arguments" field. The output window shows the results of the script's execution: "current temperature: 7", "current humidity: 13 %", and "Sound off". At the bottom of the output window, it states "** Process exited - Return Code: 0 **". On the left side of the browser window, there is a social media sharing bar with icons for Facebook, Twitter, Print, Email, and a plus sign for more options, along with a "11 SHARES" indicator. The Windows taskbar is visible at the very bottom of the screen.

```
main.py +
1 import random
2 while(True):
3     temp=random.randint(6,48)
4     humid=random.randint(11,49)
5     print("current temperature:",temp)
6     print("current humidity:",humid,"%")
7     temp_ref=43
8     humid_ref=42
9     if temp>temp_ref and humid<humid_ref:
10         print("Sound alarm")
11     else:
12         print("Sound off")
13     break

Ln: 3, Col: 24

Run Command Line Arguments

current temperature: 7
current humidity: 13 %
Sound off

** Process exited - Return Code: 0 **
```

