

```
import random

while(True):

    temp=random.randint(9,98)

    humid=random.randint(9,98)

    print("current temperature:",temp)

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

    temp_ref=37

    humid_ref=35

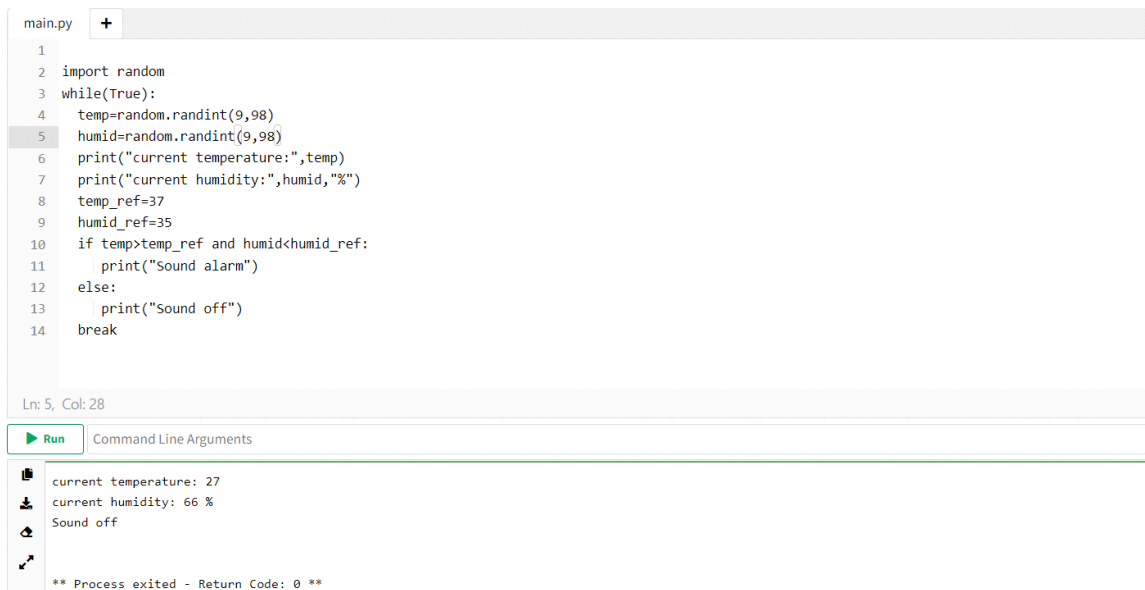
    if temp>temp_ref and humid<humid_ref:

        print("Sound alarm")

    else:

        print("Sound off")

    break
```



The screenshot shows a Python IDE with a file named 'main.py'. The code is a while loop that generates random temperature and humidity values, prints them, and checks if an alarm should sound based on reference values. The code is as follows:

```
1 import random
2 while(True):
3     temp=random.randint(9,98)
4     humid=random.randint(9,98)
5     print("current temperature:",temp)
6     print("current humidity:",humid,"%")
7     temp_ref=37
8     humid_ref=35
9     if temp>temp_ref and humid<humid_ref:
10         print("Sound alarm")
11     else:
12         print("Sound off")
13     break
```

The IDE shows the cursor at line 5, column 28. Below the code editor is a 'Run' button and a 'Command Line Arguments' field. The output window shows the following results:

```
current temperature: 27
current humidity: 66 %
Sound off
** Process exited - Return Code: 0 **
```